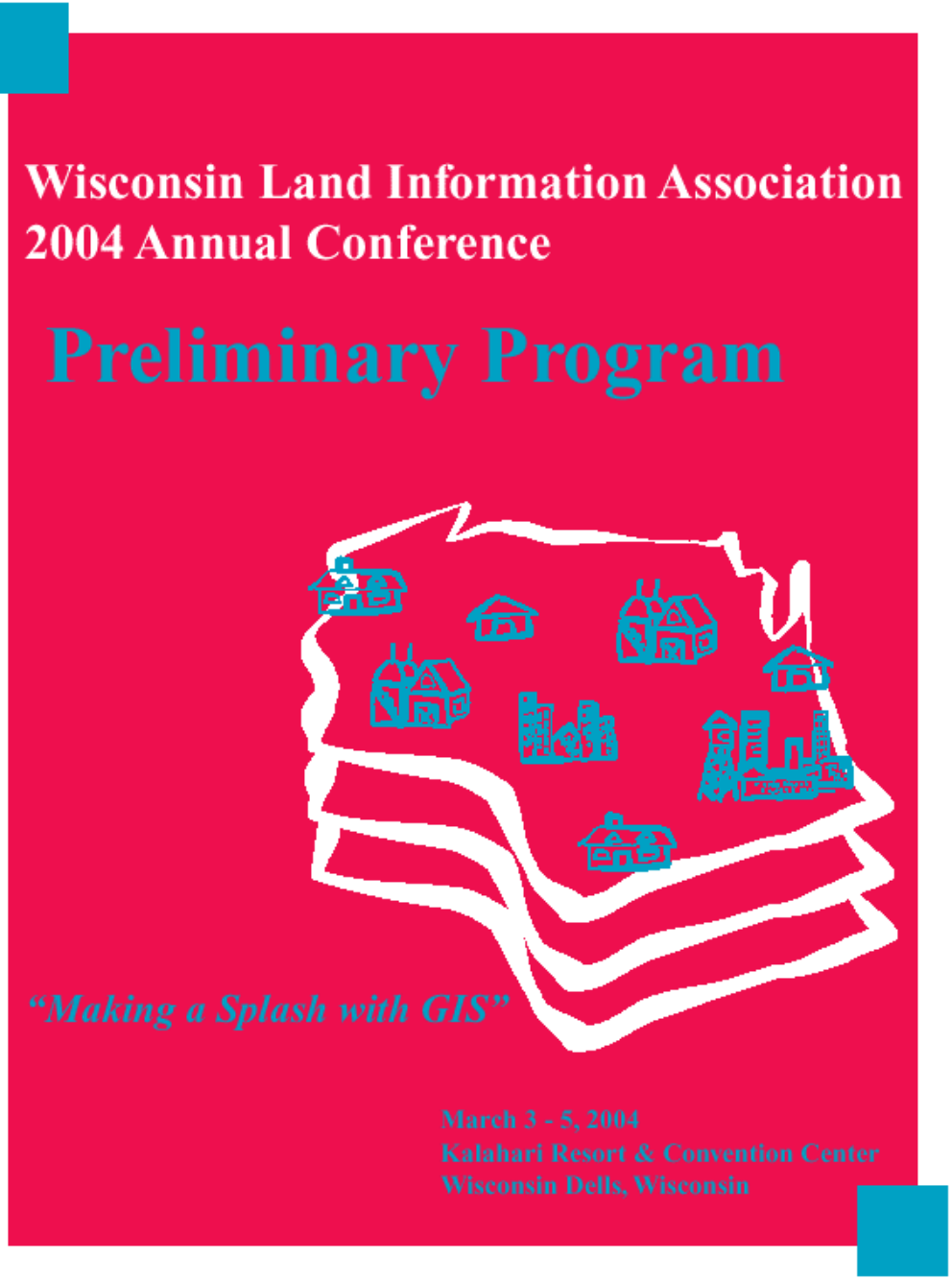


Workshop 7:

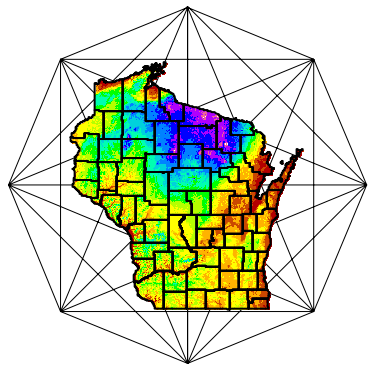
State Agency Resources for Comprehensive Planning

DOA Geospatial Data, Metadata, Demographic Data, & Resources for Comprehensive Planning

Jerry Sullivan, GIS Data Specialist

DIVISION OF **ENTERPRISE** TECHNOLOGY
Wisconsin Department of Administration

101 East Wilson Street, 10th Floor
Madison, Wisconsin 53707-7844
jerry.sullivan@doa.state.wi.us



DOA Geospatial Data, Metadata, Demographic Data, & Resources

- TIGER derived County & Statewide Shapefiles
- Demographic Data from DOA, Census, APL
- Address Geocoded Businesses
- Internet Map Servers Directory, WLIS Core Node
- WLIP County LIO Plans & Annual Surveys
- Links to partners: SCO, Wisclinc, DNR / Geo

Contents of a Comprehensive Plan

NINE ELEMENTS OF A COMPREHENSIVE PLAN

1. Issues and Opportunities
2. Housing
3. Transportation
4. Utilities & Community Facilities
5. Ag, Natural & Cultural Resources
6. Economic Development
7. Intergovernmental Cooperation
8. Land Use
9. Implementation

Contents of a Comprehensive Plan

1. Issues and Opportunities Element

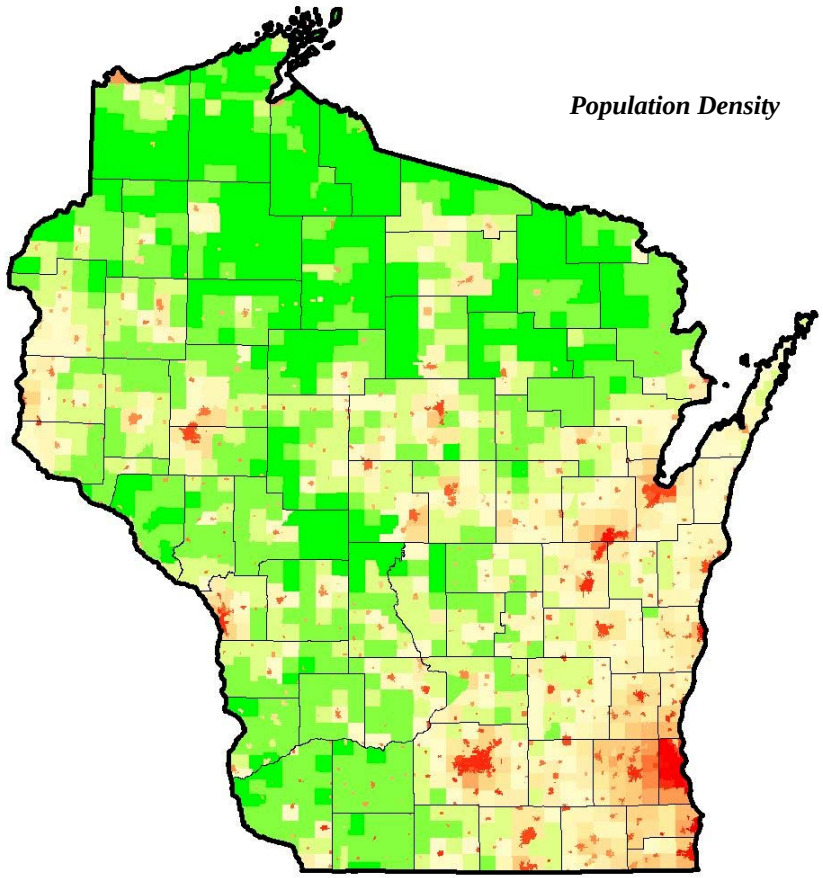
Background Information:

- Population Forecasts
- Household Forecasts
- Employment Forecasts
- Demographic Trends
- Age Distribution
- Education Levels
- Income Levels
- Employment Characteristics

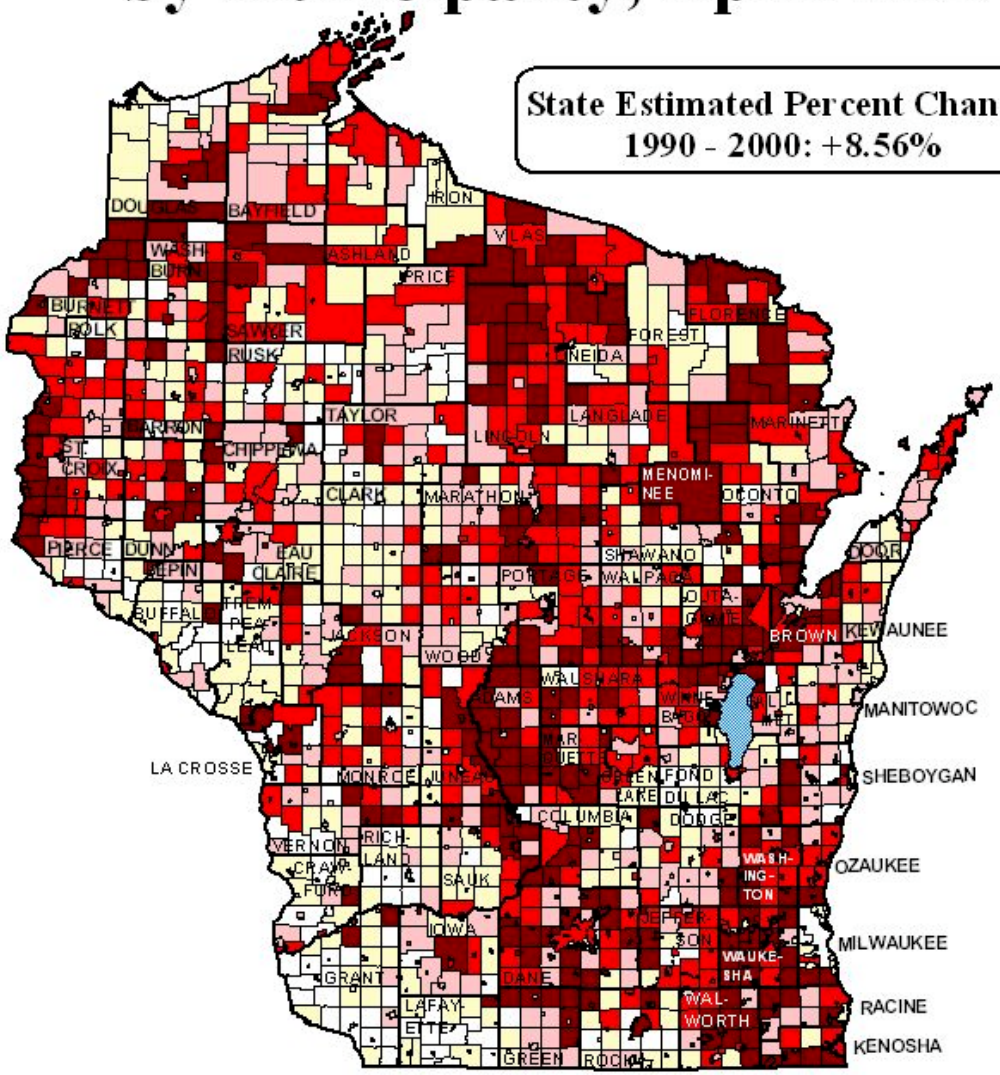
Data for a Comprehensive Plan

Data for the Issues and Opportunities Element

- **Population**
  - Total population
  - Race and Ethnicity
  - Foreign born
  - Sex
  - Age Distribution
  - Population projection
  - Households projection
- **Education**
- **Income**
- **Poverty Status**



Estimated Percent Population Change in Wisconsin, by Municipality, April 1990 - January 2000



Top Ten Municipalities
Greatest Estimated Percent Growth
(minimum 250 persons in 1990)

Municipality	County	Change
Cottage Grove village	Dane	161.54%
Buchanan town	Outagamie	103.34%
Brockway town	Jackson	96.97%
Ledgeview town	Brown	83.35%
Jackson village	Washington	82.26%
Sherwood village	Calumet	67.03%
Nashotah village	Waukesha	66.14%
Holmen village	La Crosse	61.43%
Sussex village	Waukesha	59.99%
Theresa village	Dodge	58.75%

Sources: WI Demographic Services Center, January 2000 Population Estimates; U.S. Census Bureau, 1990 Census

Map prepared by WI Demographic Services Center, October 2000

Contents of a Comprehensive Plan

2. Housing Element

Housing Stock Information:

- Age Characteristics
- Structural Characteristics
- Value Characteristics
- Occupancy Characteristics

Identify policies and programs that:

- Promote development of housing for residents.
- Provide a range of housing choices that meet needs of persons of all income levels, of all ages groups, and persons with special needs.
- Promote the availability of land for development or redevelopment of low-income and moderate-income housing.
- Maintain or rehabilitate local governmental unit's existing housing stock.

Data for a Comprehensive Plan

Data for the Housing Element

Number of Housing Units by Type

Housing Unit Estimate, Housing Tenure

Age of Housing Stock

Number of Rooms in Housing Units

Renter-occupied Housing Units

Household Size and Type

Average Household Size

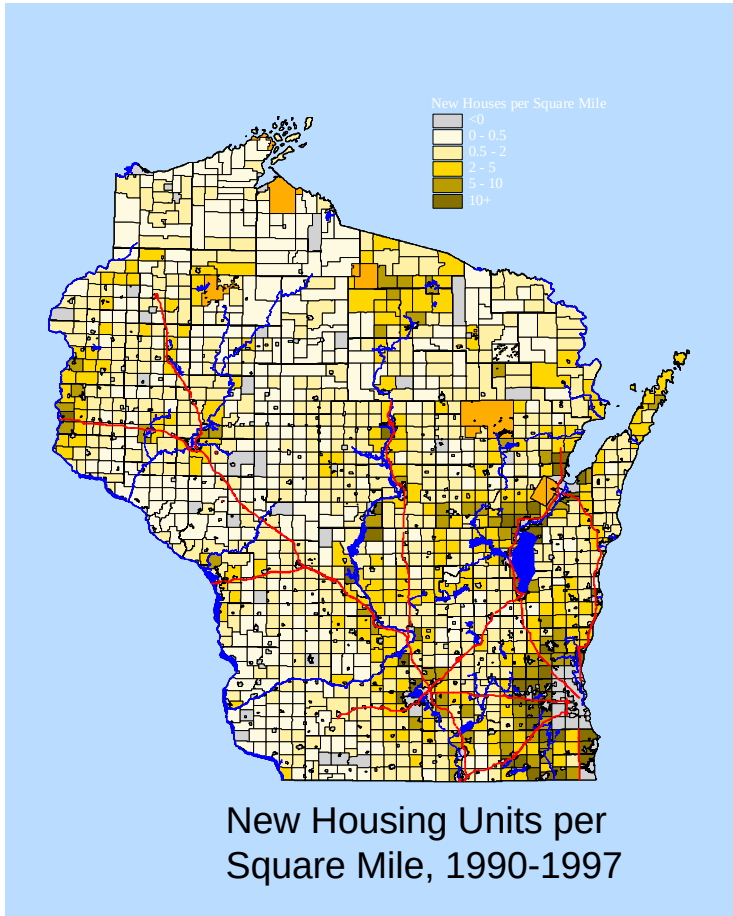
Average Family Size

Family Type and Age

Subsidized and Special Needs Housing

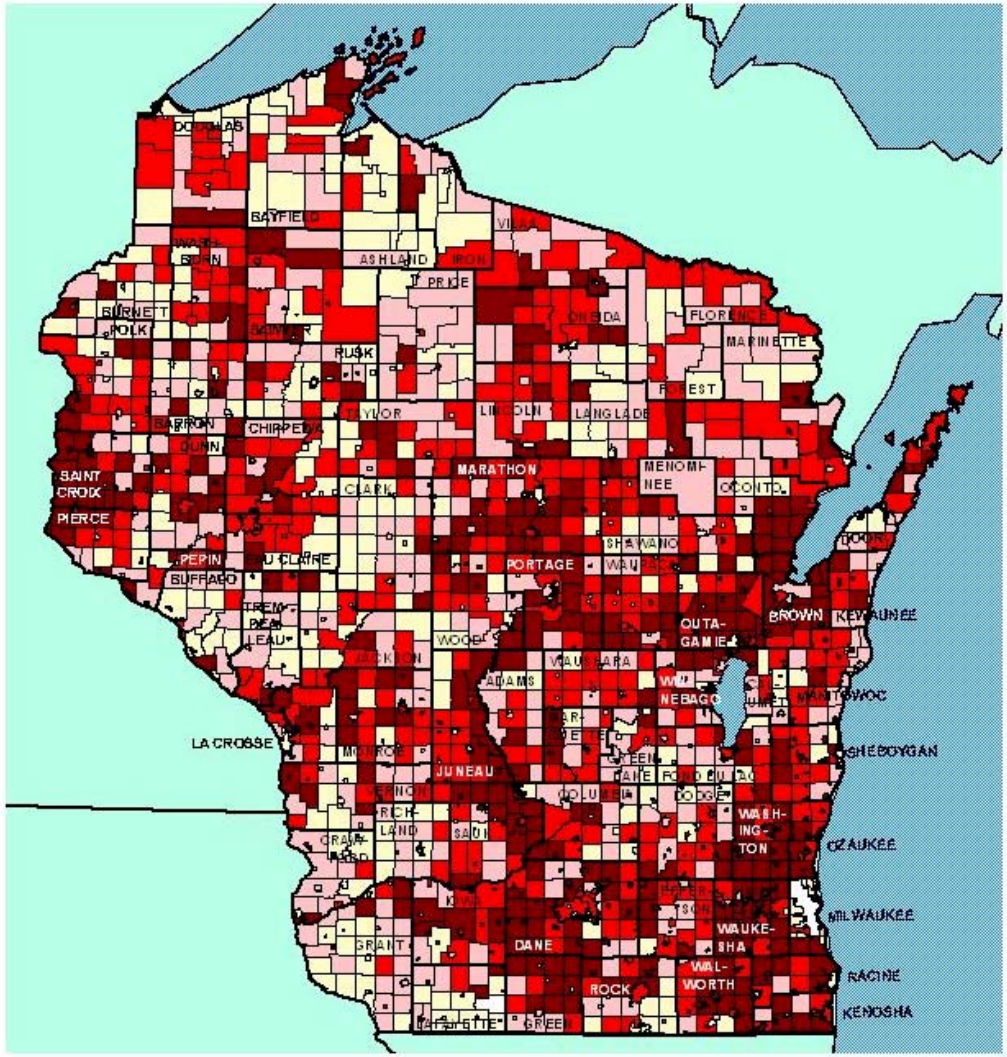
Structural, Occupancy, Value Change

Housing Value, Housing Affordability



New Housing Units per Square Mile, 1990-1997

Housing Unit Percent Change in the 1990s, by Municipality



Housing Unit Percent Change, 1990-99

	Loss or no change
	0.01-8.86% (1st quartile of positive values)
	8.87-14.24% (2nd quartile)
	14.25 - 21.11% (3rd quartile)
	21.12% or greater (4th quartile)

Top Ten Municipalities
Greatest Percentage Housing Unit Growth
(minimum 100 housing units in 1990)

MUNICIPALITY	COUNTY	CHANGE
Cottage Grove village	Dane	243.94%
Buchanan town	Outagamie	164.35%
Ledgeview town	Brown	156.67%
Nashotah village	Waukesha	140.43%
Jackson village	Washington	102.75%
Harrison town	Calumet	96.45%
Sussex village	Waukesha	88.30%
Sherwood village	Calumet	84.62%
Greenville town	Outagamie	84.38%
Exeter town	Green	83.08%

NOTE: Change in housing units does not include units gained or lost through annexations.

Source: WI Demographic Services Center Annual Housing Unit Surveys

Data for a Comprehensive Plan

3. Transportation Element

Census data available:

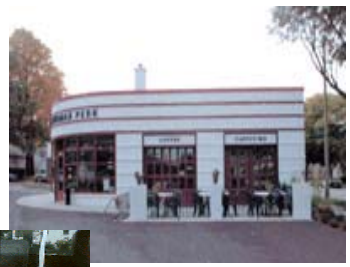
- ☯ Time leaving home to go to work
- ☯ Travel time to work
- ☯ Means of transportation to work
- ☯ Private vehicle occupancy

Data for a Comprehensive Plan

4. Utilities & Community Facilities Element

Census data available:

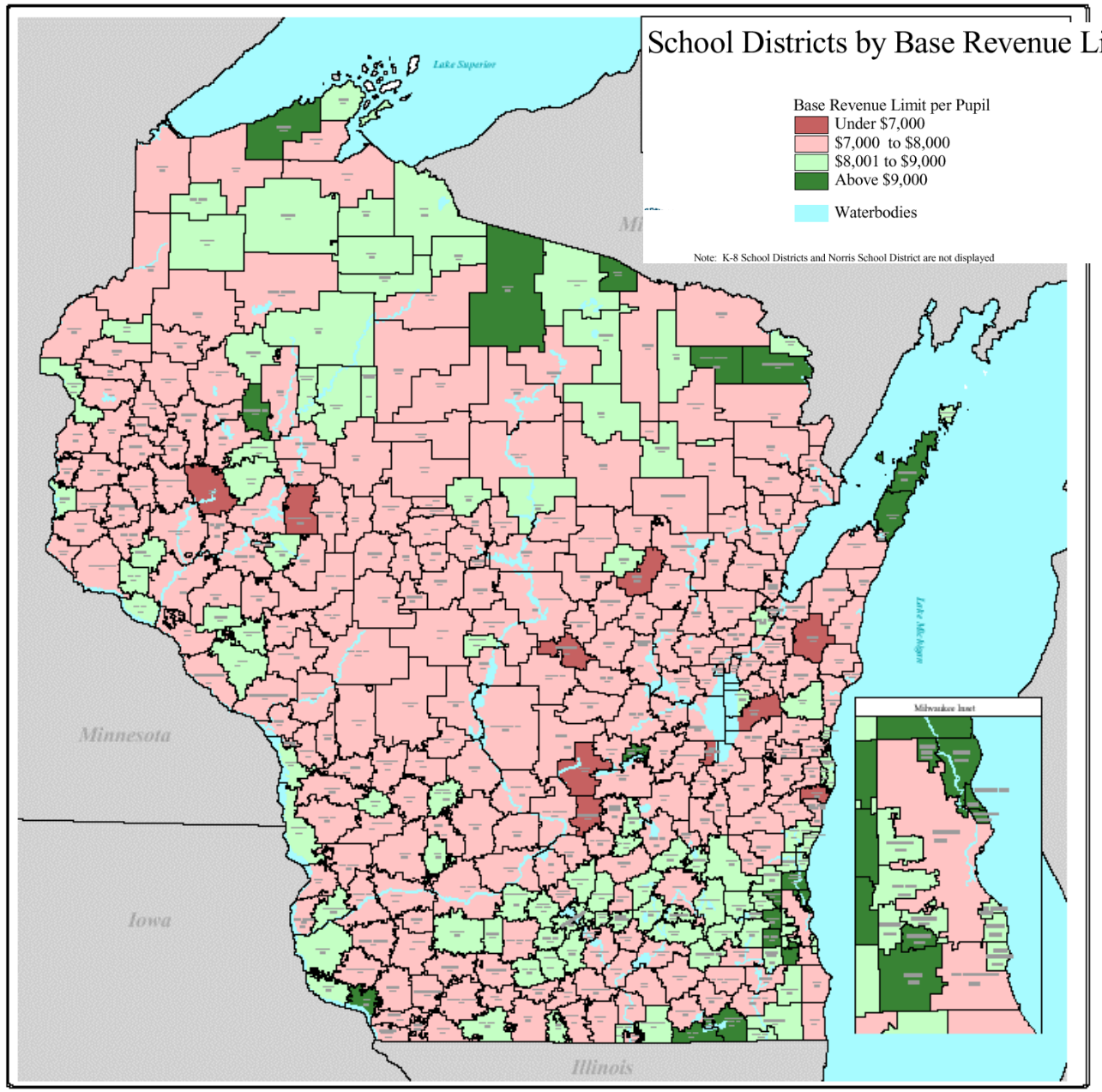
- School Enrollment



6. Economic Development Element

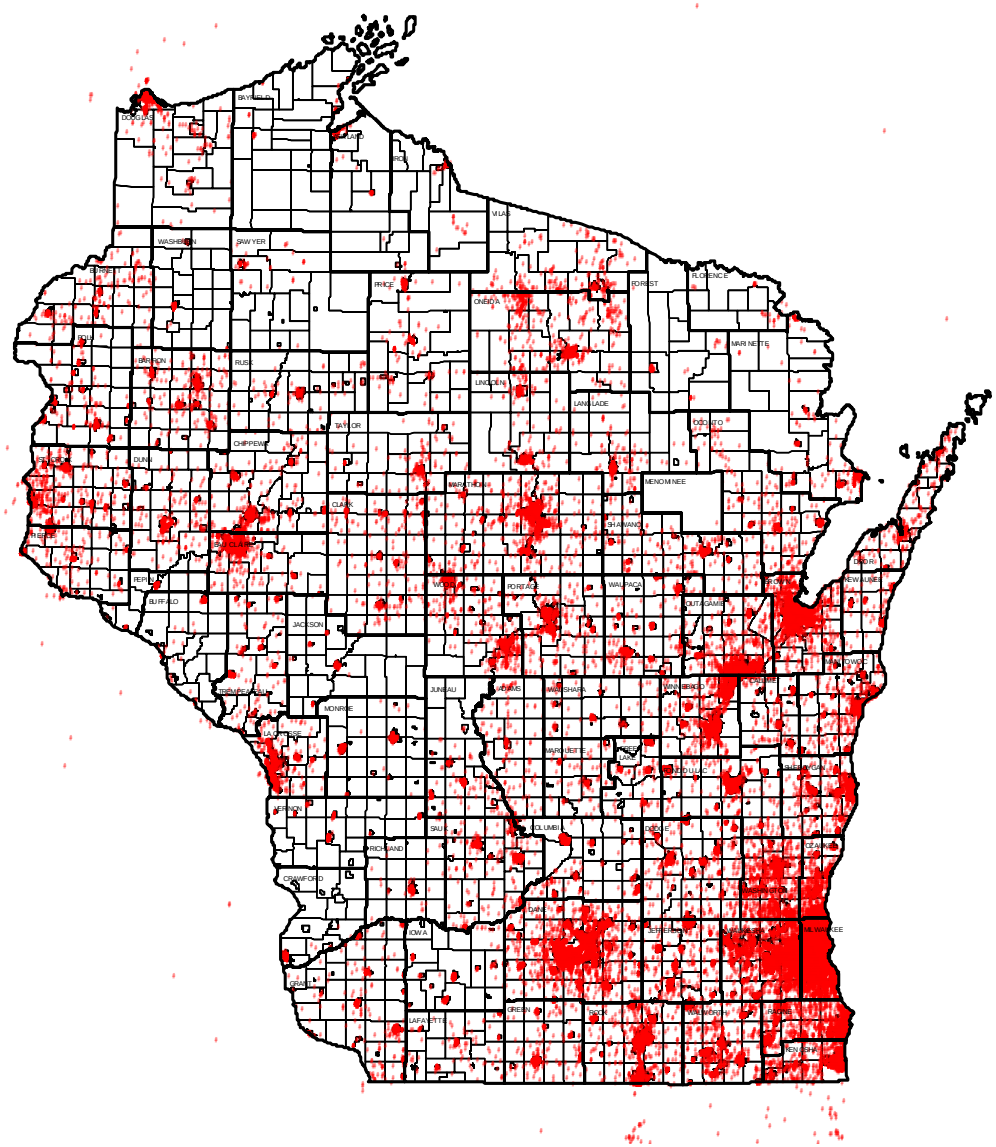
Census data available:

- Employment Status
- Occupation
- Usual hours worked per week
- Work experience


School Districts by Base Revenue Limit Per Pupil in 2002-03
Base Revenue Limit per Pupil
Under $7,000
$7,000 to $8,000
$8,001 to $9,000
Above $9,000
Waterbodies
Note: K-8 School Districts and Norris School District are not displayed
N
1:633,600
Scale: 1 inch equals 10 miles
10 0 10 20 Miles
Lake Superior
Lake Michigan
Minnesota
Iowa
Illinois
Milwaukee Inset

DOA Address Geocoded DWD SNAP

(Standard Name and Address Program)



Standard Industrial Classification

SIC Codes

North American Industrial Classification System

NAICS Codes

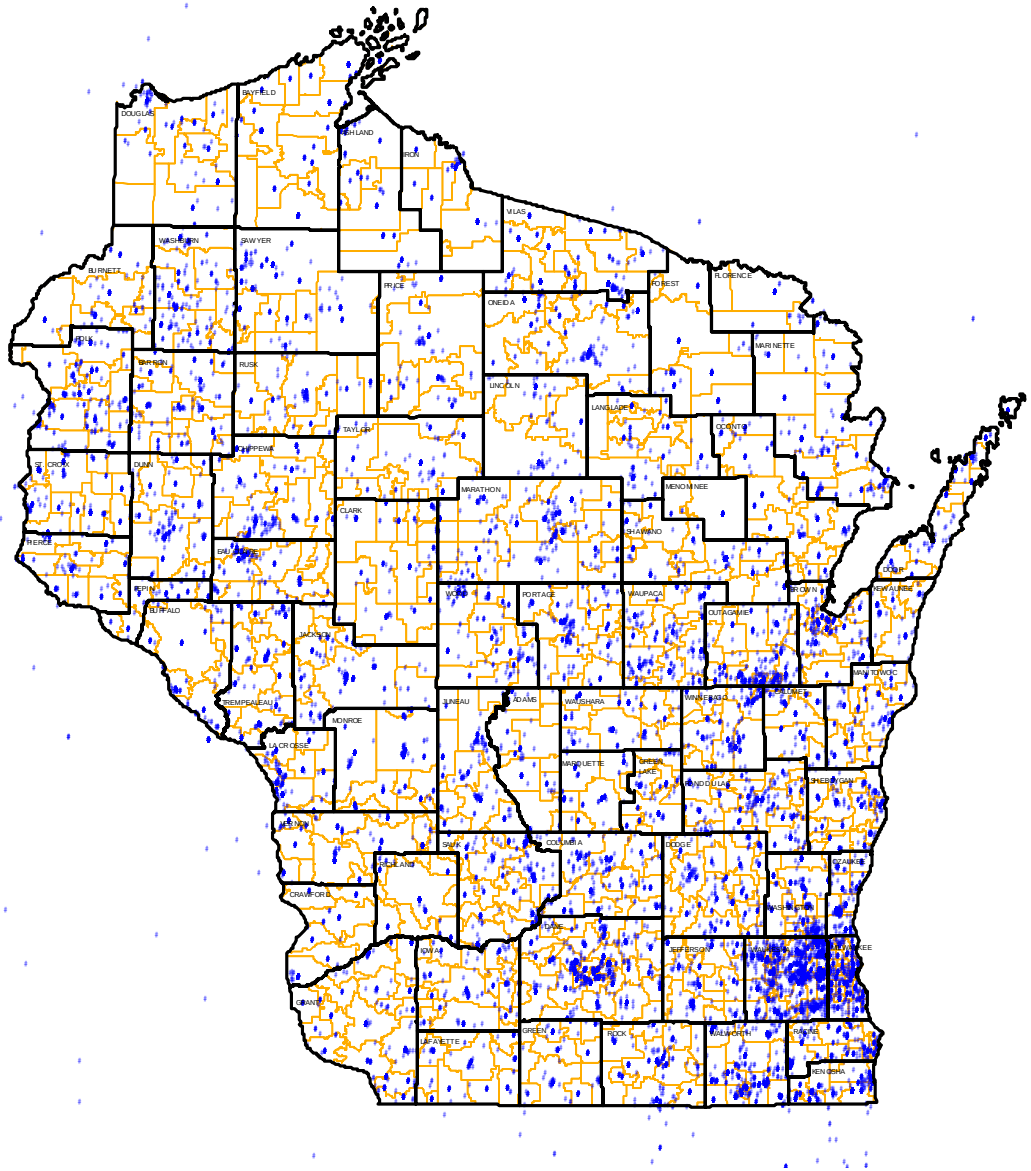
Business Names

Business Address

Business Size

DOA Address Geocoded DWD SNAP

(Standard Name and Address Program)



Standard Industrial Classification

SIC Codes

North American Industrial Classification System

NAICS Codes

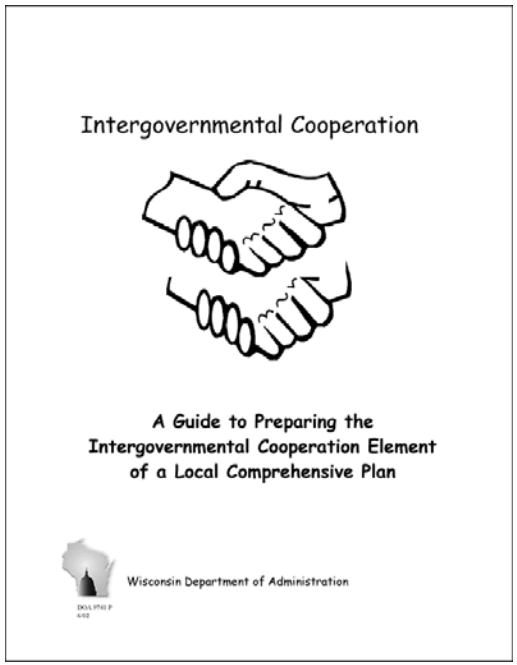
Business Names

Business Address

Business Size

Data for a Comprehensive Plan

7. Intergovernmental Cooperation



Data available:

- School District Boundaries
- TIGER derived MCD Boundaries

Resources available:

- Intergovernmental Cooperation Guide
- Municipal Boundary Review Program

TIGER derived shapefiles in WTM83(91)

TIGER - an acronym for
“Topologically Integrated Geographic Encoding and Referencing”

TIGER - an important source for consistent, statewide, attributed, documented, digital geospatial data in Wisconsin.

What do you want to do with Census / TIGER?

- **Local Comprehensive Planning**
- **Thematic Mapping**
- **Address Geocoding**
- **Emergency Management**
- **Small Area Demographic Forecasts**
- **Legislative Redistricting**

DOA Internet - Search - Microsoft Internet Explorer

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State of Wisconsin - Department of ADMINISTRATION

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Search Department of Administration Site

To search again, enter a keyword in the "Search" form above.

Search Results of: "gis" are listed below. Click an item below to view detail.

Comprehensive Planning *Commonly recognized as Wisconsin's Smart Growth legislation, significant changes to planning-related statutes were approved through the 1999-2001 state biennial budget.* (Posted 10/17/2003)

2003 State Risk Management Conference *Risk Management Forum* (Posted 10/15/2003)

Geographic Information Systems (GIS) Services *GIS Services* (Posted 9/5/2003)

Federal Procurement, Grants and Loans *Federal-State Relations* (Posted 9/3/2003)

***DOA's Organization**
The Wisconsin Department of Administration (DOA) was created in 1959 to consolidate various independent units into a single agency. DOA offers direct services to Wisconsin residents and communities, including assistance with housing and energy efficiency improvements, but its primary function is to deliver a wide range of support services to other state agencies, such as maintaining the State Capitol and other state facilities. (Posted 8/27/2003)

Risk Management Supervisory Seminar
Risk Management Supervisory Seminar for New and Current State Supervisors/Managers (Posted 8/19/2003)

DOA License, Permit & Registration Services +
Need to apply for a license, permit, registration, or certification in Wisconsin (Posted 12/16/2002)

Internet Mapping
A listing of internet mapping sites in and around the state of Wisconsin. (Posted 10/30/2002)

Administrative Code +

Dept. of Administration: Geographic Information Systems (GIS) Services - Microsoft Internet Explorer

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Employment
In the News
Public Services
Reference Center
Technology
Training
DOA Home

Geographic Information Systems (GIS) Services

- Data Available From GIS Services
- General TIGER 2000 Notes
- GIS Services
- Internet Mapping
- TIGER 2000 Basic Information
- TIGER 2000 Download Files

(+) External Link - Browser opens in a new window.

Last Modified: 9/5/2003 12:30:26 PM

Return to Previous

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Department of Administration
101 East Wilson Street
Madison, WI 53702

Applicaton Provided by DET's G2C/G2E Section © 2001 - 2003

The preferred browser for the DOA Internet is Internet Explorer 4.x or higher.
The site is best seen with the screen resolution at 800 x 600 or higher

Department of Administration - Data Available From GIS Services - Microsoft Internet Explorer

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About DOA
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Employment
In the News
Public Services
Reference Center
Technology
Training
DOA Home

Return to Geographic Information Systems (GIS) Services — Return to Previous

Print Version

Data Available From GIS Services

All data is in ESRI shapefile format. It is projected to Wisconsin Transverse Mercator (WTM) 1983(91). Specific information on this projection can be obtained by clicking **here**.

CD-1 -- TIGER2000™ Wisconsin

The CD contains:

12 statewide TIGER™ layers for Wisconsin, based on the TIGER2000 files. These are the same files available individually from this **site**.

The layers include: county boundaries, municipal boundaries, and Census geography, including block, block group, and tract. A **fuller desciption** (PDF format) and a **general description** is available.

CD-2 -- TIGER2000™ Wisconsin counties

The CD contains:

13 countywide TIGER™ layers for each of the 72 Wisconsin counties, based on the TIGER2000 files. These are the same files available by county from this **site**.

The layers include: county boundaries, municipal boundaries, and Census geography, including block, block group, and tract. A **fuller desciption** (PDF Format) and a **general description** is available. These are the same layers as in CD-1 (above) plus the TGR layer.

Department of Administration - TIGER 2000 Basic Information - Microsoft Internet Explorer

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Address http://www.doa.state.wi.us/pagesubtext_detail.asp?linksubcatid=482&linkcatid=217&linkid=7

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wisconsin.gov state agencies subject directory

State of Wisconsin - Department of ADMINISTRATION

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TIGER 2000 Basic Information

GIS Service Center
TIGER 2000 Information

- **Census Data—To view and download**

- **Download of TIGER 2000 files**

Introduction and General Notes
Information on file naming, convention, projection, single and multi-part polygon, standard attribute table items, RING field, and CFCC field.

Layer Description 1 (PDF Format)
General description of each data layer.

Layer Description 2 (PDF Format)
List of all field names for each layer with a description.

County FIPS (PDF Format)
A listing of the 72 counties in the state, with abbreviation and FIPS Codes.

Municipality FIPS (PDF Format)
A listing of 1,850 municipalities in the state with their FIPS code.

Multi-County MCDs (PDF Format)
A listing of the 46 municipalities in the state that are located in more than one county,

Department of Administration - TIGER 2000 Download Files - Microsoft Internet Explorer

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Back Search Favorites Media

Address http://www.doa.state.wi.us/pagesubtext_detail.asp?linksubcatid=337 Go

TIGER 2000 Download Files

TIGER 2000 files for Wisconsin are available via CD-ROM or downloading. To order the TIGER 2000 data CD, visit the **GIS Service Center** website. To download the data, read the information below, before clicking on the data download links.

There are 13 files, or layers, available for each county, and 13 shapefiles available in statewide format. A **complete description** (PDF Format) or a **brief description** is available. The files are in zip file format, which users may download the necessary software to unpack these files from the WinZip® web site (**http://winzip.com/**).

Once unpacked, all files are in ESRI shapefile® format and are designed for use with the processed **Census files** also available from this Department. All shapefiles are referenced to the **Wisconsin Transverse Mercator** coordinate system, with a datum of NAD83(91).

A complete FGDC metadata document in HTML format is included with each downloadable file. Please review the metadata prior to use to determine data suitability.

TIGER 2000 statewide layers to download

2000 State Outlines (350k)
2000 County Boundaries (72) (800k)
2000 Municipal Boundaries (1,850) (3928k)
2000 Municipal Boundaries
(with county lines separating municipalities)

1990 Municipal Boundaries (3378k)
1990 Municipal Boundaries
(with county lines separating municipalities)

2000 Census Tracts (1,333) (2737k)
2000 Census Block Groups (4,400) (4883k)
2000 Census Blocks (200,348) (50555k)
2000 Roads (54594k)

1990 Census Tracts (2838k)
1990 Census Block Groups (6502k)
1990 Census Blocks (48142k)

Other TIGER statewide layers to download

Administrative Areas and Infrastructure

CD's of geospatial data available through DOA

- School district boundaries (Census)
- Cooperative Education Service Agency (CESA) boundaries (Census)
- Legislative districts (Based on 2002 Redistricting)
- Telephone Service territories (Public Service Commission)
- Area Codes Airports (U.S. Department of Transportation)
- Hospital and nursing homes (Dept of Health and Family Services)
- Shipping ports (U.S. Army Corps of Engineers)
- Railroads (WI Dept of Transportation)
- Business locations; 140,000 locations (Dept. of Workforce Development)

Department of Administration - Data Available From GIS Services - Microsoft Internet Explorer

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Back Search Favorites Media

Address http://www.doa.state.wi.us/pagesubtext_detail.asp?linksubcatid=336 Go

including block, block group, and tract. A **fuller desciption** (PDF Format) and a **general description** is available. These are the same layers as in CD-1 (above) plus the TGR layer.

CD-3 - Administrative Areas and Infrastructure in Wisconsin

The CD contains a collection of files, including:

- School district boundaries (unofficial);
- Cooperative Education Service Agency (CESA) boundaries
- Legislative districts, including the State Assembly, State Senate, and U.S. House districts (based on 2002 redistricting)
- Telephone Service territories (from the state Public Service Commission)
- Area Codes
- Airports (point coverage from U.S. Department of Transportation)
- Hospital and nursing homes (point coverage from WI Dept of Health and Family Services)
- Shipping ports (point coverage from U.S. Army Corps of Engineers)
- Railroads (from WI Dept of Transportation)
- Business locations; 135,000 business locations in the state (based on a November 2001 file from WI Dept of Workforce Development)

Attributes associated with each layer.

Addition files are included to provide the user with a point of reference, although all of these files are designed for use with the data sets found on CD-1 above, and users are encouraged to obtain that CD for use with these datasets.

Reference files include: county and municipal boundaries; federal and state highways.

Total of all files on the CD is approximately 100 megabytes

To order:

Via e-mail:
Send a note to:
gis.services@doa.state.wi.us
and include:

DOA Geospatial Data for ArcView Users

Department of Administration Data used for ArcView Project

- TIGER 2000 derived layers
- School district boundaries (unofficial) - 2000
- DWD Business locations;
  SNAP (Standard Name and Address Program) - 2002

http://www.doa.state.wi.us Keyword: GIS

WISCLINC -- http:// wisclinc.state.wi.us /

Location: **WISCLINC Index**

HOME

Data Discovery
Metadata Search
Metadata Browser
LIO Survey
State Catalog
County Catalog

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Overview
Tools
Reference/Links
Training Materials

Search/Query...
Wisconsin Search
NSDI--Search

Land Information
Land Info. Directory
Grant/Assistance
SCO Calendar

Clearinghouse
What's New ?
About WISCLINC
FAQ/Help

NEW !!
2003 SCO Metadata Workshop!

The Wisconsin Land Information Clearinghouse (WISCLINC) is a gateway to geospatial data and metadata, related land and reference information, and the Wisconsin agencies which produce or maintain these items. WISCLINC is also a registered node in the web of NSDI clearinghouses.

What's Inside:

To immediately begin your search of metadata/data available on this site we suggest that you try these primary methods Search Spatial Metadata or Metadata Browser. If you would like to explore additional resources related to status and availability of geospatial data in Wisconsin, please proceed to Data Discovery

Search Spatial Metadata Search for metadata describing geospatial data through the FGDC Clearinghouse Search or Wisconsin Custom search form based on the FGDC Search.

Browse Local Metadata & Data Browse metadata on the Wisconsin Clearinghouse through tables organized by theme, agency, or geographic region. Includes **data for download** where available.

WISCLINC -- http:// wisclinc.state.wi.us /

Location : WISCLINC : Data Discovery : -- **Metadata Browser** --

Browse metadata... by Organization, & Jump to... DOA

Description	Image (.gif)	Tile Size	Metadata/ FAQ	Download/ Link

Wisconsin DOA

Description	Image (.gif)	Tile Size	Metadata/ FAQ	Download
Wisconsin State Outline (state)	---	State		
Wisconsin County Outlines (wi_cnty)	---	State		
Wisconsin Counties, Single-part Polygons (cntydiss)	---	State		---
Wisconsin Senate Districts (senate)	---	State		
Wisconsin U.S. Congressional Districts (congress)	---	State		
Wisconsin Assembly Districts (assembly)	---	State		
Wisconsin 1990 MCDs (wi_mcd90)	---	State		
Wisconsin 1990 MCDs, "Unsplit" at the county (unmcd90)	---	State		
Wisconsin 1995 MCDs (wi_mcd95)	---	State		
Wisconsin 1995 MCDs, "Unsplit" at the county (unmcd95)	---	State		
Wisconsin 1998 MCDs (wi_mcd98)	---	State		
Wisconsin 1998 MCDs, "Unsplit" at the county (unmcd98)	---	State		
Wisconsin 1998 MCDs, Single-part Polygons (wi_mcd98diss)	---	State		---
Wisconsin Tribal Lands (tribal98)	---	State		
Wisconsin Urban Areas (wi_urban)	---	State		
Wisconsin Technical Colleges (techpts)	---	State		
Wisconsin Secondary School Districts (schl_dis)	---	State		
Wisconsin Elementary School Districts (elem_dis)	---	State		

Contact:sco@facstaff.wisc.edu

Last update: 16 August, 2000

DNR Geographic Information Systems (GIS)
- GIS Home
- Who We Are
- Links to More Resources

Accessing DNR Data
- GIS Data Overview
- GIS Data Access
- Data Sharing CDs
- Digital Raster Graphics (DRGs)
- Hydrography Data
- Landcover Data
- Search Data (WLIS)

Interactive Maps
- Interactive Maps Overview
- List of Interactive Maps
- DNR WebView
- Contacts

Location Matters
- locational data
- global positioning system (GPS)

Land Information Integration Plan

Public Land Survey System (PLSS) Index

WTM83/91 Geo-referencing System

The Wisconsin Transverse Mercator coordinate system is based on the state's current high resolution reference network – the 1991 adjustment to the North American Datum of 1983 (WTM83/91).

- Rationale for Migration to WTM83/91 for DNR Geographic Data
- WTM83/91 Parameters

Rationale for Migration to WTM83/91 for DNR Geographic Data

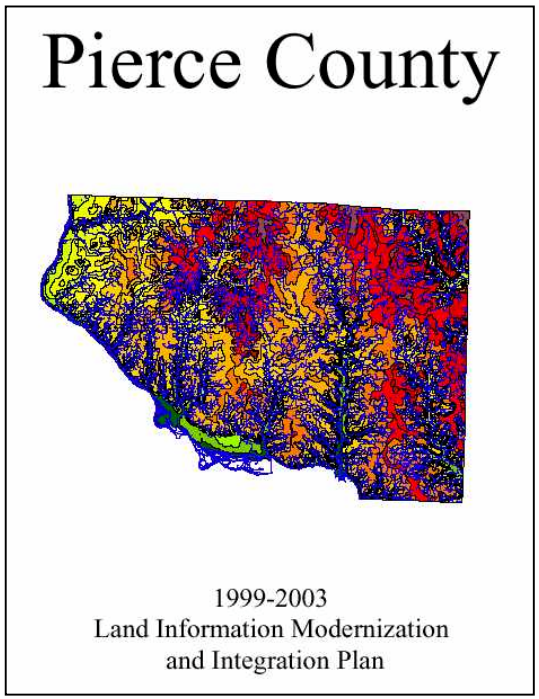
For the purposes of data integration, there are significant advantages in making all agency geographic data available for internal use in a single statewide coordinate system. This approach is intended to better enable DNR GIS users to integrate agency data sets. It also enables integration of statewide vector data with the accumulating raster data, including DRGs, DOPs, and WISCLAND land cover data.

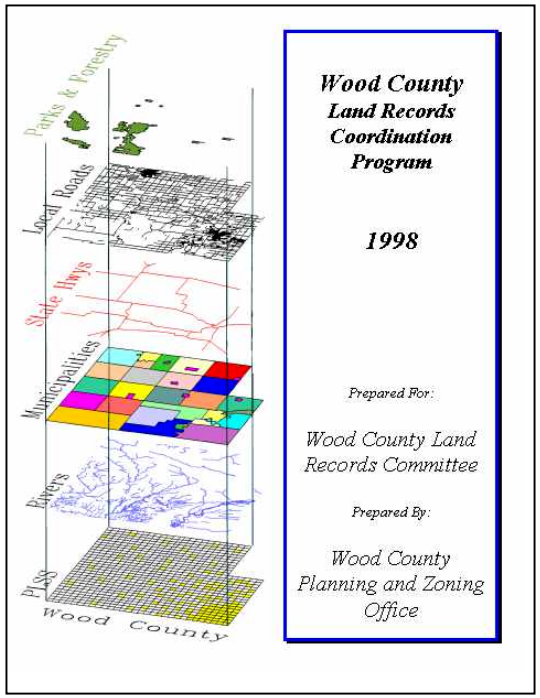
For this single geographic referencing system, the DNR has chosen a statewide Wisconsin Transverse Mercator projection/coordinate system, based on the current high-resolution reference network (the 1991 adjustment to the North American Datum of 1983). A shorthand term for the version of WTM based on the 1991 adjustment to NAD83 is "WTM83/91." The WTM coordinate system parameters to be used in conjunction with NAD83/91 are the same as those specified for use with NAD83, and are identified below.

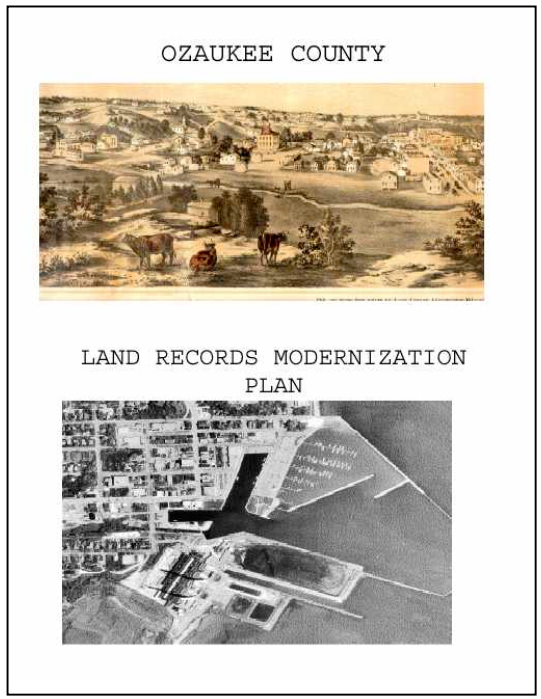
Back to Top

WTM83/91 Parameters

DOA hosts the County Land Information Office Land Records Modernization & Integration Plans







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Copernic Agent The Web Up History Track Highlight

Overview of Survey

WLIP Year 2003 Annual Survey

The purpose of the Wisconsin Land Information Program (WLIP) Annual Survey is to provide a periodic assessment of the status, progress, and benefits of the WLIP to each of Wisconsin's 72 counties, the Land Information Board and other interested parties.

You will find that the 2003 Survey follows the format and structure of the 2002 survey. By tracking the same questions over time, users of the Survey are able to not only determine the status of the WLIP today, but understand how it has changed from prior years, seeing changes in things such as software, type and extent of data available, and types of applications that use the data.

Most previous year's responses are carried forward, with the exception of some comment sections

Overall, the same 25 sections of the Survey remain. At the end of each section you will find a "submit" option. By pressing this button, you are indicating that you have updated that section and are submitting your update. We will be tracking the status of completion for each county, and when all 25 sections have been "submitted", the Survey is considered "DONE"complete. However, you are able to review any section, and change your response or make additional changes. Once all counties have completed and submitted all 25 sections, the Survey will be "closed" at which time further changes cannot be accepted and analysis will begin. You will be given ample notice. A notice will go out to each LIO prior to the Survey being "lockedclosed" for the year.

Before completing the survey, you may want to review the "Instructions Document" or proceed directly to the the Survey. You may want to BookMark that page to make it easier to get to as you complete the Survey. The password for your county has been sent to you. You may change it at any time from within the Survey.

If you have questions or /concerns about the survey, a list of contacts is provided.

UW Applied Population Lab's WisStat

WISSTAT contains thousands of demographic and economic variables for the state of Wisconsin, its counties and municipalities.

The sources of the data include the U.S. Census Bureau and various State and Federal agencies.

http://www.wisstat.wisc.edu

WisStat Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://www.wisstat.wisc.edu/ Go

WisStat

University of Wisconsin-Extension and supported in part by the Wisconsin Department of Administration(DOA)

Step 1: Select a geography.

Click the geography tab. Select a level of geography that you want to select from. Your choices include **State, Counties, Places, MCD's, Tracts, and Block Groups.** When selecting MCD's, Tracts and Block Group you will also be shown a drop down box with counties to choose from. Once you have selected a level of geography and if needed a county, you will be shown a page with your choices of geographies to add. Simple check the checkbox next to each geography that you want to add and hit the **Add the Geography** button. Each geography that was checked will be added.

Click Here for a Demo of "Selecting a Geography"

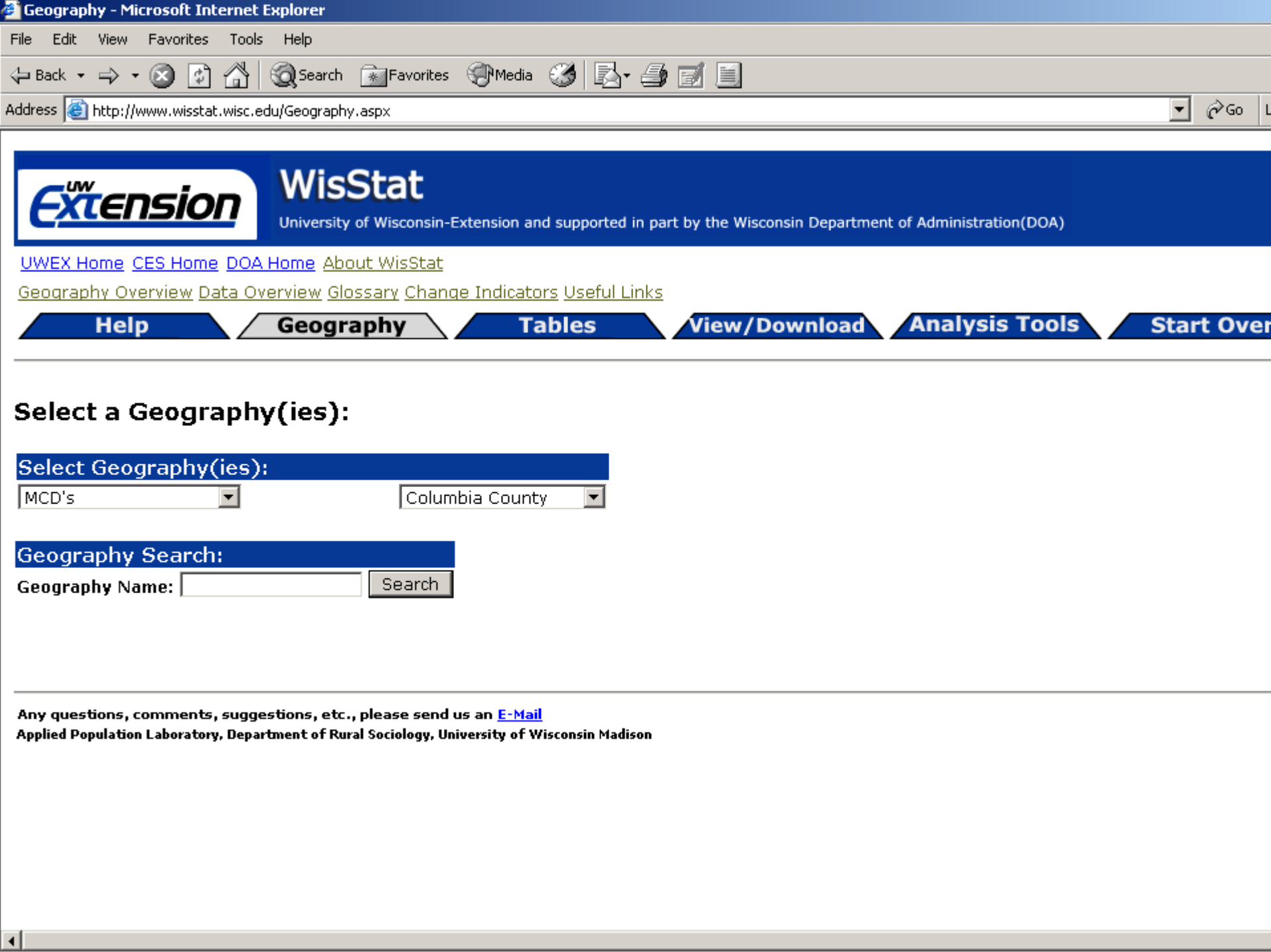
Step 2: Select a Table.

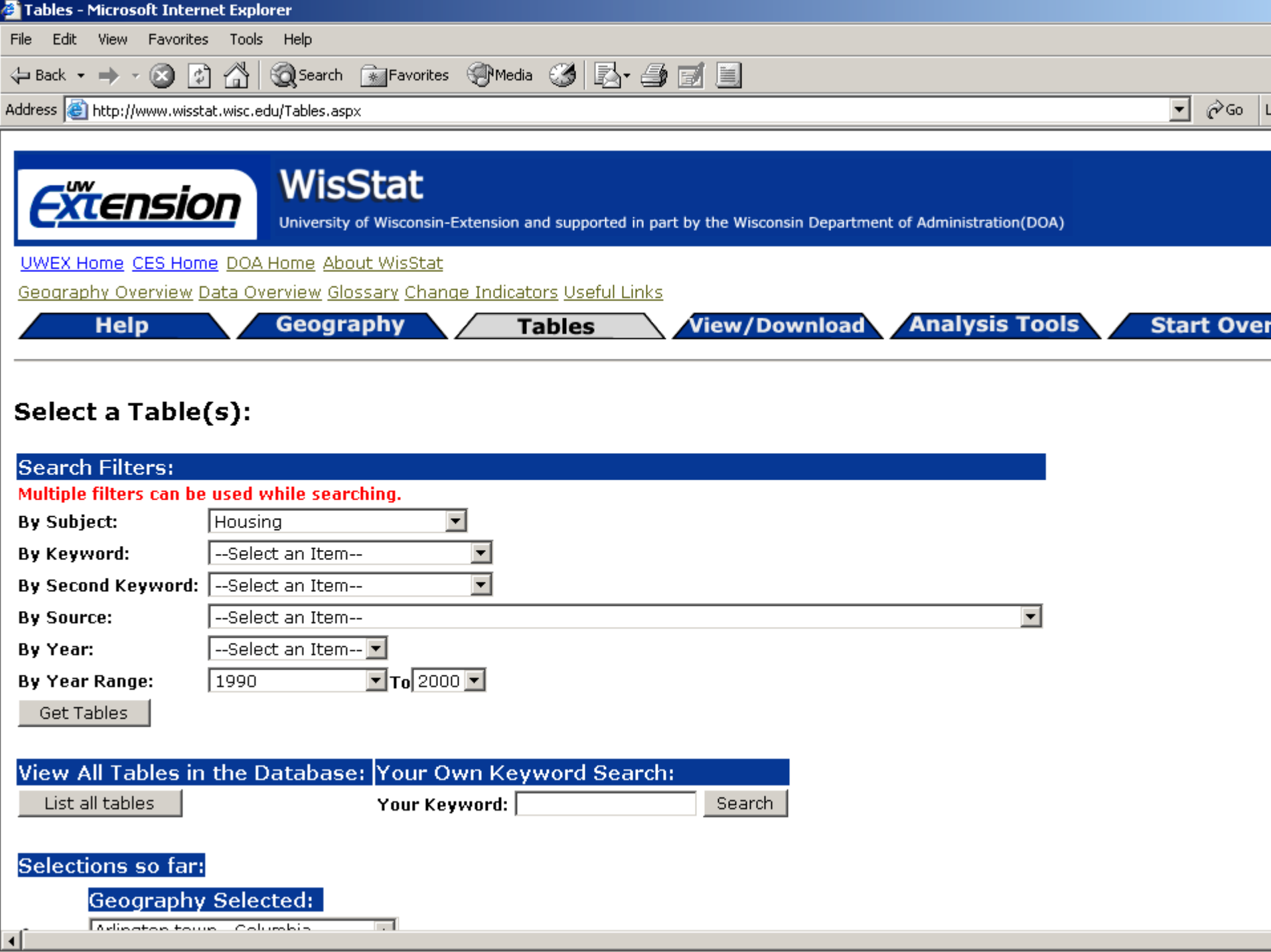
Click the Tables tab. You can look at all the tables in the database by clicking the **List all tables button.** You can also use one or more of the filter dropdown boxes: **Source, Keyword, A Second Keyword, Year, Year Range or Subject.** For example, if you were looking for tables dealing with the subject of Population but, only wanted ones that dealt with age you would select **Population** from the subject dropdown box and age from the **Keyword** dropdown and hit the button **Get Tables**.

For a preview of the table structure click the **View button**. A new window should appear with the layout of the table. To add tables check the box for the table or tables and press the button **Add the Table(s)**.

Click Here for a Demo of "Selecting a Table"

Step 3: View your Selections


Geography - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.wisstat.wisc.edu/Geography.aspx
Go
WisStat
University of Wisconsin-Extension and supported in part by the Wisconsin Department of Administration(DOA)
UWEX Home CES Home DOA Home About WisStat
Geography Overview Data Overview Glossary Change Indicators Useful Links
Help Geography Tables View/Download Analysis Tools Start Over
Select a Geography(ies):
Select Geography(ies):
MCD's
Columbia County
Geography Search:
Geography Name:
Search
Any questions, comments, suggestions, etc., please send us an E-Mail
Applied Population Laboratory, Department of Rural Sociology, University of Wisconsin Madison


Tables - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.wisstat.wisc.edu/Tables.aspx
Go
WisStat
University of Wisconsin-Extension and supported in part by the Wisconsin Department of Administration(DOA)
UWEX Home CES Home DOA Home About WisStat
Geography Overview Data Overview Glossary Change Indicators Useful Links
Help Geography Tables View/Download Analysis Tools Start Over
Select a Table(s):
Search Filters:
Multiple filters can be used while searching.
By Subject: Housing
By Keyword: --Select an Item--
By Second Keyword: --Select an Item--
By Source: --Select an Item--
By Year: --Select an Item--
By Year Range: 1990 To 2000
Get Tables
View All Tables in the Database:
List all tables
Your Own Keyword Search:
Your Keyword:
Search
Selections so far:
Geography Selected:

Selected tables - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.wisstat.wisc.edu/SelectedTables.aspx
Go

WisStat

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View or Download Tables:

Select a table to View or Download:

HOUSEHOLD SIZE [8]

View in Columns | View in Rows | Excel Columns | Excel Rows

Download Formats:

Download as CSV for Excel in Columns

Your Selections

Download

Rank Geographies based on fields in your tables:

Rank

Selections so far:

Geography Selected:

Arlington town - Columbia
Arlington village - Columbia
Caledonia town - Columbia

Tables Selected:

HOUSEHOLD SIZE [8]

Profiles - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.wisstat.wisc.edu/Profile.aspx
Go

UW Extension

WisStat

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Select a Type of Profile:

List of Profiles:

--Select a Profile--

--Select a Profile--
Family Demographics
Summary Demographics
Population by Age for Local Areas
Wisconsin Department of Administration Housing Profile
Housing Profile (3 Pages)

Incorporated Places(Cities, Villages) --Select an City or Village--

Unicorporated Places(Towns) --Select a Town--

Other Geographies --Select a Geography--

Create Profile

Any questions, comments, suggestions, etc., please send us an E-Mail
Applied Population Laboratory, Department of Rural Sociology, University of Wisconsin Madison

DIVISION OF ENTERPRISE TECHNOLOGY
Wisconsin, Department of Administration

Jerry Sullivan, GIS Data Specialist
Wisconsin Department of Administration
Division of Enterprise Technology
Bureau of Publishing & Distribution
101 E. Wilson St., 8th Floor, Cube 95
Madison, WI 53707-7844
(608) 264-6109

jerry.sullivan@doa.state.wi.us

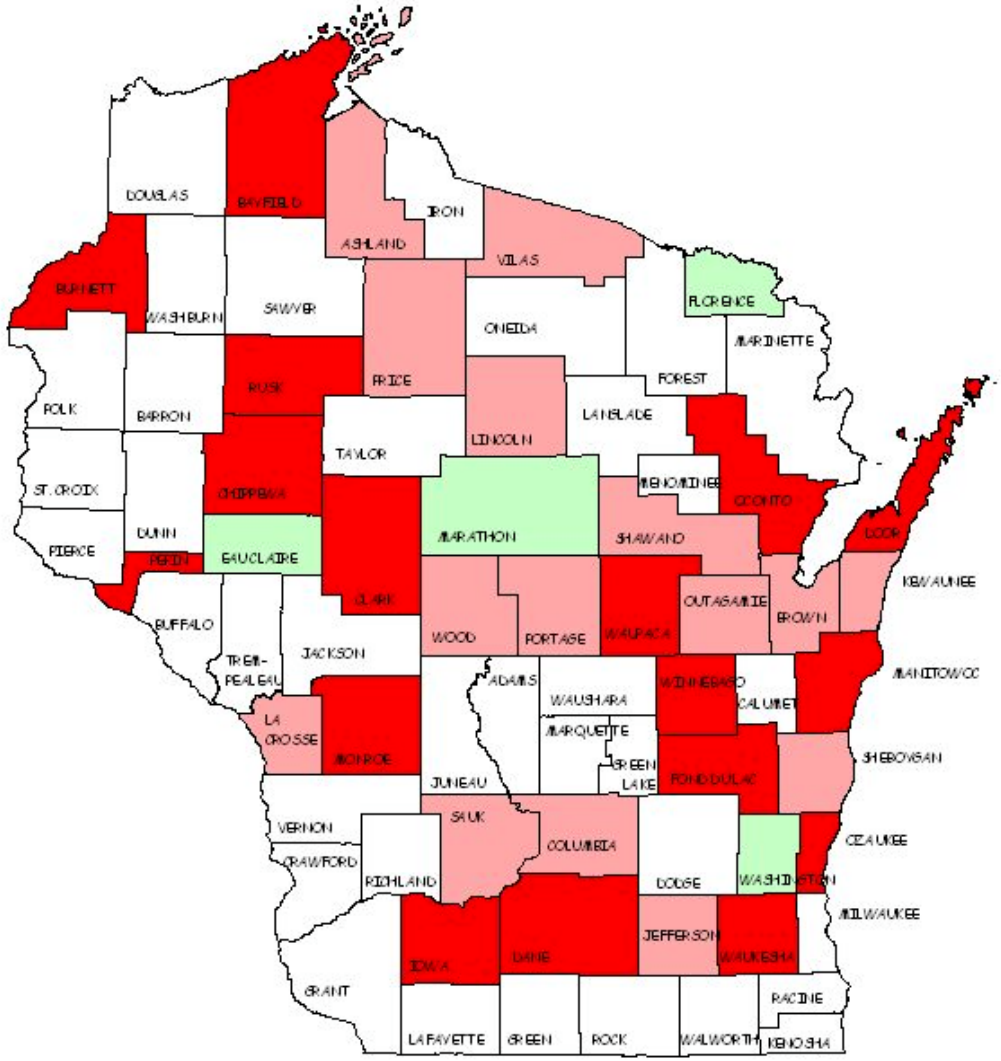
Internet Map Servers in Wisconsin: Updated November, 2003

The following sites are given as examples of current internet mapping service development efforts.
http://www.doa.state.wi.us/docs_view2.asp?docid=1741

County and municipal web mapping sites in Wisconsin can also be accessed at a site maintained by the University of Wisconsin Sea Grant Institute (http://coastal.lic.wisc.edu/wisconsin-ims/wisconsin-ims.htm)

County sites are also linked through the Wisconsin Land Information Clearinghouse County Catalog. (http://wisclinc.state.wi.us/datadisc/countycat.html)

WLIS will exemplify many of the best features found here. For example, the Wisconsin Metadata Explorer (http://wlis.dnr.state.wi.us/explorer/explorer.jsp) could be populated with "metadata lite" about each service. Such elements would include: Publisher, Content Title, Coverage Area, Content Type, Content Theme Keywords.



Sea Grant
University of Wisconsin

Wisconsin County and Municipal Web Mapping Sites

Many county and municipal governments in Wisconsin are developing web mapping sites. County web mapping sites can be accessed by clicking on the red counties on the map below. They will open in a separate browser window. Counties with web mapping sites in development are colored in pink and counties with intranet or subscription only web mapping sites are rendered in green.

Wisconsin Land Information System

WLIS Pilot Project

- Overview
- Search the Wisconsin Land Information System Pilot
- Browse and Acquire Data
- Contacts
- Meetings
- WLIS Pilot Documents
- Related Sites
- DNR WLIS Node

Online Interactive Maps

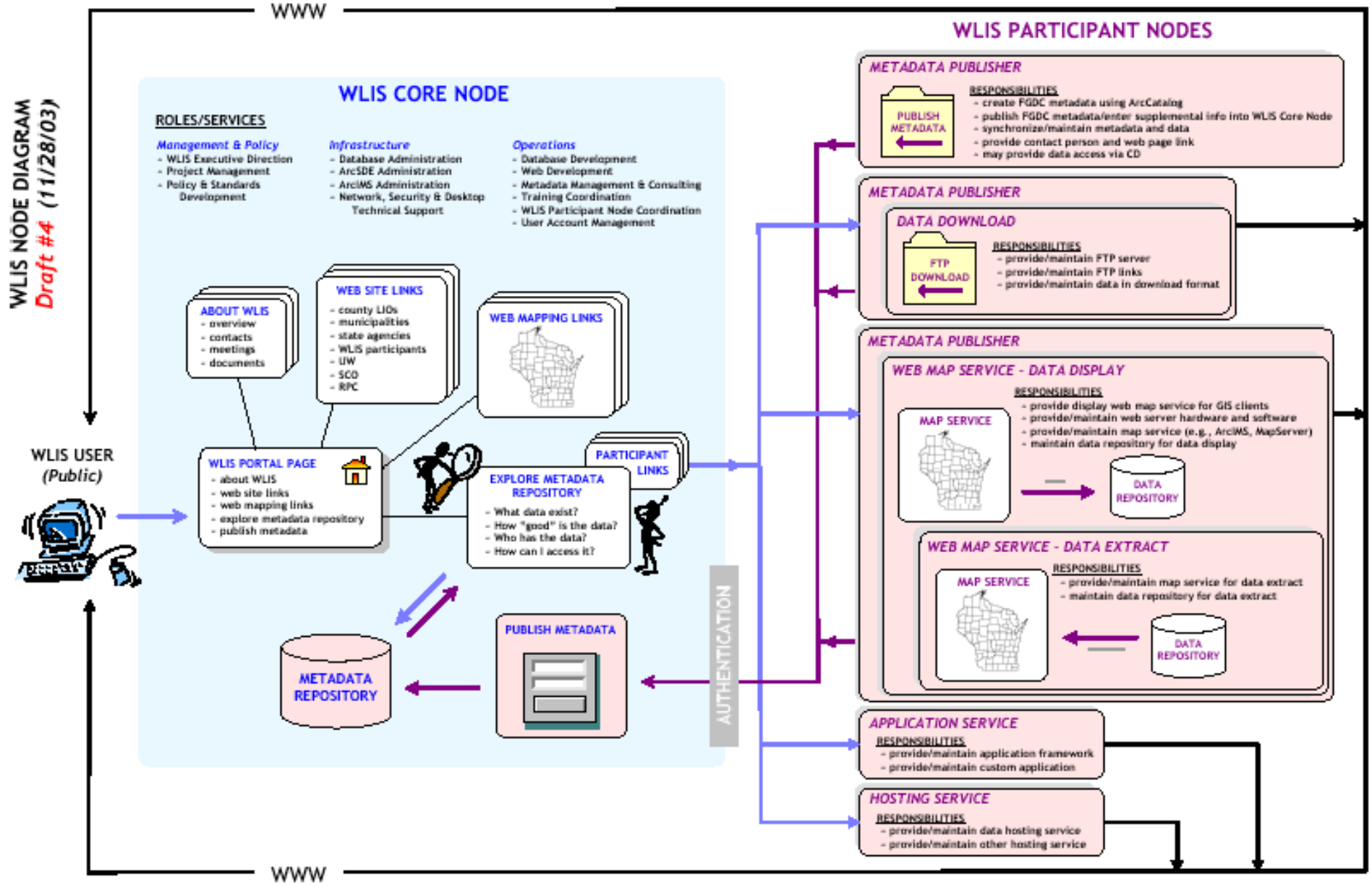
- Statewide List of Interactive Maps

Wisconsin Land Information System Pilot Project

In 2002, DOA requested that DNR assist with developing and implementing some of the technological pieces needed for implementation of a Wisconsin Land Information System (WLIS). The concept and outline for WLIS was developed by a project team formed by the Wisconsin Land Council and Wisconsin Land Information Board. The WLIS project team included participants from state and local government, regional planning commissions, and the private sector.

The long-term vision for WLIS identified creation of a statewide, web-based, distributed system easily accessible to the public with links to Wisconsin land-related data and information through indexing or retrieval. It would become a technical and organizational mechanism for accessing and transferring land information, supporting integrated and aggregated views of state and locally produced data, capitalizing on data already created by state agencies and local governments and other sources such as federal sources. Among other benefits, WLIS should be a means of supporting land management decision-making activities, including comprehensive land use planning.

This FY03/04 cooperative project between DOA and DNR is focused on developing and implementing selected technological Internet GIS components. These components can be considered "building blocks" which will support the WLIS initiative. Efforts build upon and improve DNR's capabilities, and demonstrate feasibility of the functions identified for WLIS.


WLIS NODE DIAGRAM
Draft #4 (11/28/03)
WWW
WLIS CORE NODE
ROLES/SERVICES
Management & Policy
- WLIS Executive Direction
- Project Management
- Policy & Standards Development
Infrastructure
- Database Administration
- ArcSDE Administration
- ArcIMS Administration
- Network, Security & Desktop Technical Support
Operations
- Database Development
- Web Development
- Metadata Management & Consulting
- Training Coordination
- WLIS Participant Node Coordination
- User Account Management
ABOUT WLIS
- overview
- contacts
- meetings
- documents
WEB SITE LINKS
- county LIOs
- municipalities
- state agencies
- WLIS participants
- UW
- SCO
- RPC
WEB MAPPING LINKS
WLIS USER
(Public)
WLIS PORTAL PAGE
- about WLIS
- web site links
- web mapping links
- explore metadata repository
- publish metadata
EXPLORE METADATA REPOSITORY
- What data exist?
- How "good" is the data?
- Who has the data?
- How can I access it?
PARTICIPANT LINKS
PUBLISH METADATA
METADATA REPOSITORY
AUTHENTICATION
WLIS PARTICIPANT NODES
METADATA PUBLISHER
PUBLISH METADATA
RESPONSIBILITIES
- create FGDC metadata using ArcCatalog
- publish FGDC metadata/enter supplemental info into WLIS Core Node
- synchronize/maintain metadata and data
- provide contact person and web page link
- may provide data access via CD
METADATA PUBLISHER
DATA DOWNLOAD
FTP DOWNLOAD
RESPONSIBILITIES
- provide/maintain FTP server
- provide/maintain FTP links
- provide/maintain data in download format
METADATA PUBLISHER
WEB MAP SERVICE - DATA DISPLAY
RESPONSIBILITIES
- provide display web map service for GIS clients
- provide/maintain web server hardware and software
- provide/maintain map service (e.g., ArcIMS, MapServer)
- maintain data repository for data display
MAP SERVICE
DATA REPOSITORY
WEB MAP SERVICE - DATA EXTRACT
MAP SERVICE
RESPONSIBILITIES
- provide/maintain map service for data extract
- maintain data repository for data extract
DATA REPOSITORY
APPLICATION SERVICE
RESPONSIBILITIES
- provide/maintain application framework
- provide/maintain custom application
HOSTING SERVICE
RESPONSIBILITIES
- provide/maintain data hosting service
- provide/maintain other hosting service
WWW

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

DNR Website | About | Contact

Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

YOU ARE ON WISCONSIN.GOV

Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

Map Layers

HELP

- Admin & Political Boundaries
  - [x] County Boundaries
  - [x] Cities and Villages *
  - [x] Civil Towns *
  - [ ] DNR Admin Regions
  - [ ] DNR Geographic Mgmt. Units
  - [x] Native American Lands *
  - [ ] State Boundary
- Land Descriptions & Cadastral
- Transportation
- Inland Water Resources
- Map Indexes
- Biologic & Ecologic
- Forests & Landcover
- Imagery & Basemaps
  - [ ] Digital Orthophotos (DOPs) *
  - [ ] Digital Topographic Maps *
  - [ ] Ortho-24K Topo Merge *
  - [x] DNR County DOP Mosaics - Status
  - [ ] DNR County DOP Mosaic Info
- Elevation & Derived Products

Refresh Map

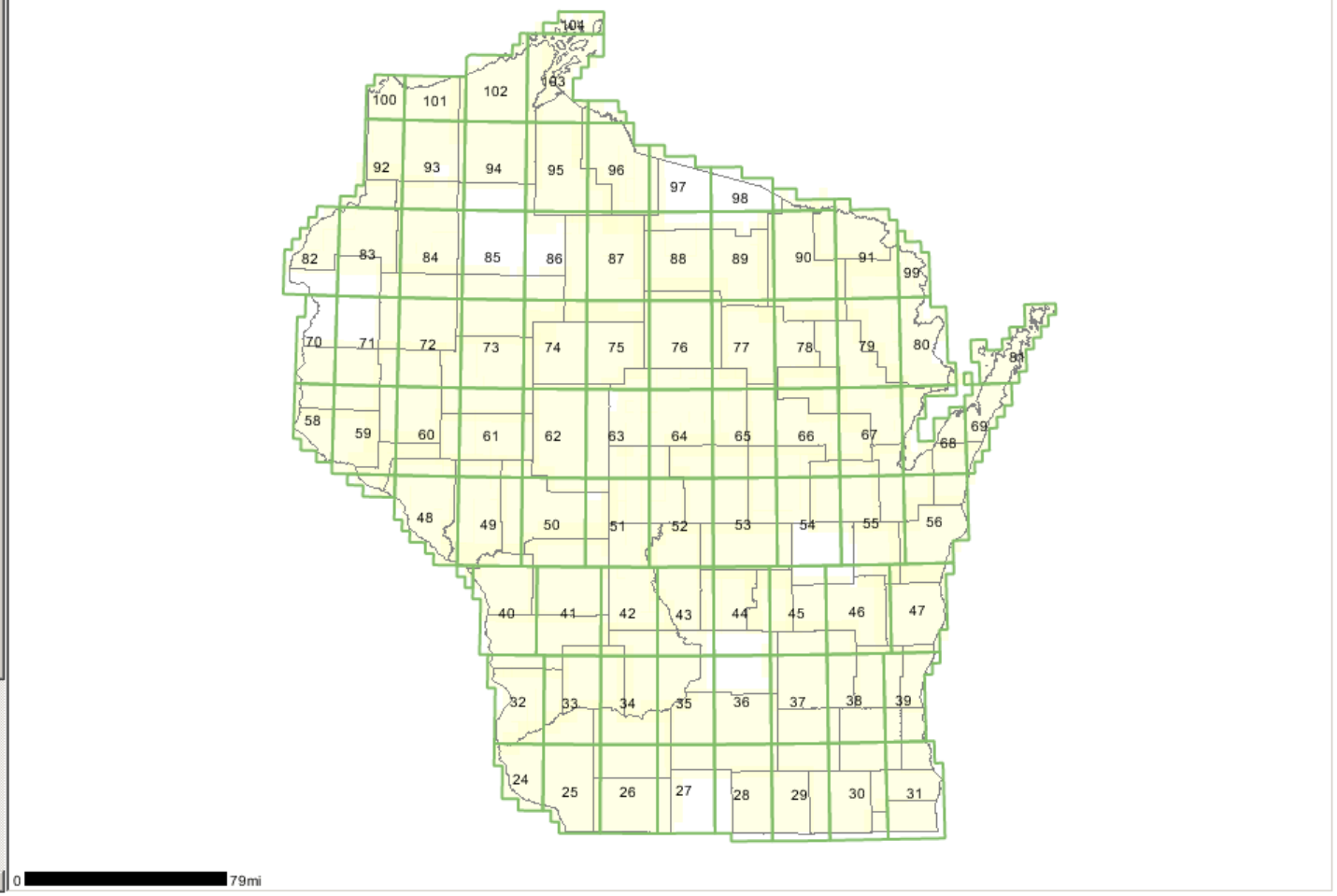
Notes:

Click folder to show or hide contents.

Click the check box to turn layer on and off.

If the check box is grayed out, the layer is not available at the current scale.

This is the active select layer.



Scale: 1: 3,326,443 go Selected Map Tool: Zoom In Zoom In

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

WTM Coordinate: X= 936976, Y= 743596 Meters --- Latitude= 47°2' N, Longitude= 84°30' W

Internet

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

DNR Website | About | Contact

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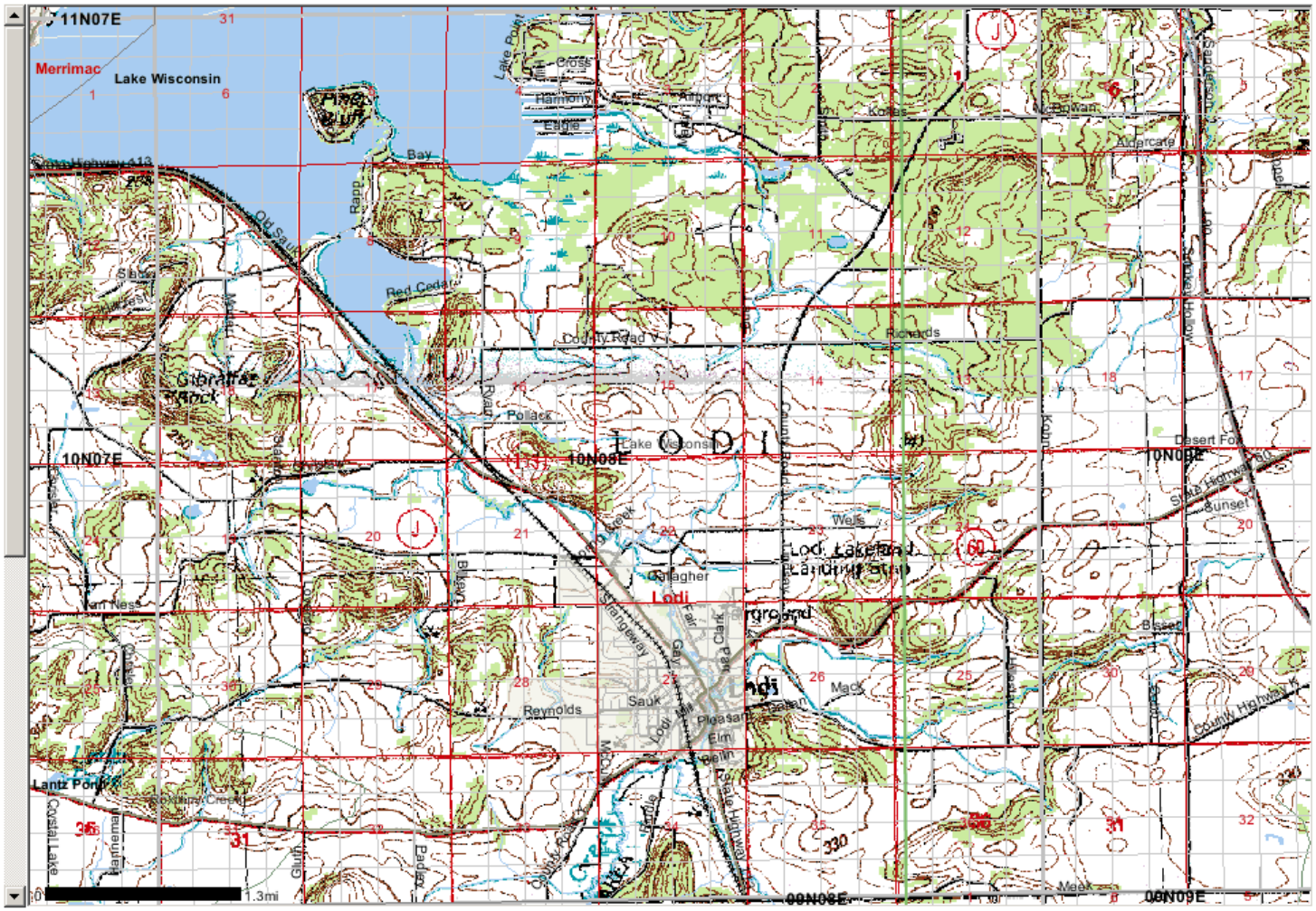
Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

Map Layers

HELP

- Admin & Political Boundaries
  - [x] County Boundaries
  - [x] Cities and Villages
  - [x] Civil Towns
  - [ ] DNR Admin Regions
  - [ ] DNR Geographic Mgmt. Units
  - [ ] Native American Lands
  - [ ] State Boundary
- Land Descriptions & Cadastral
  - [x] PLSS Townships
  - [x] PLSS Sections
  - [x] PLSS Q-Q Sections
- Transportation
  - [x] Local Roads
  - [x] Major Highways
  - [x] Railroads
- Inland Water Resources
  - [x] 24K Rivers and Shorelines
  - [x] 24K Watersheds
  - [ ] DNR Water Qual. Mgmt Units
  - [x] Open Water
- Map Indexes
- Biologic & Ecologic
- Forests & Landcover
- Imagery & Basemaps
  - [ ] Digital Orthophotos (DOPs)
  - [x] Digital Topographic Maps
  - [ ] Ortho-24K Topo Merge
  - [ ] DNR County DOP Mosaics - Status
  - [ ] DNR County DOP Mosaic Info
- Elevation & Derived Products
  - [ ] Hill Shade
  - [ ] Digital Elevation Model



Scale: 1:56,249 go | Selected Map Tool: Zoom Out | Zoom Out

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

DNR Website | About | Contact

Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

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Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

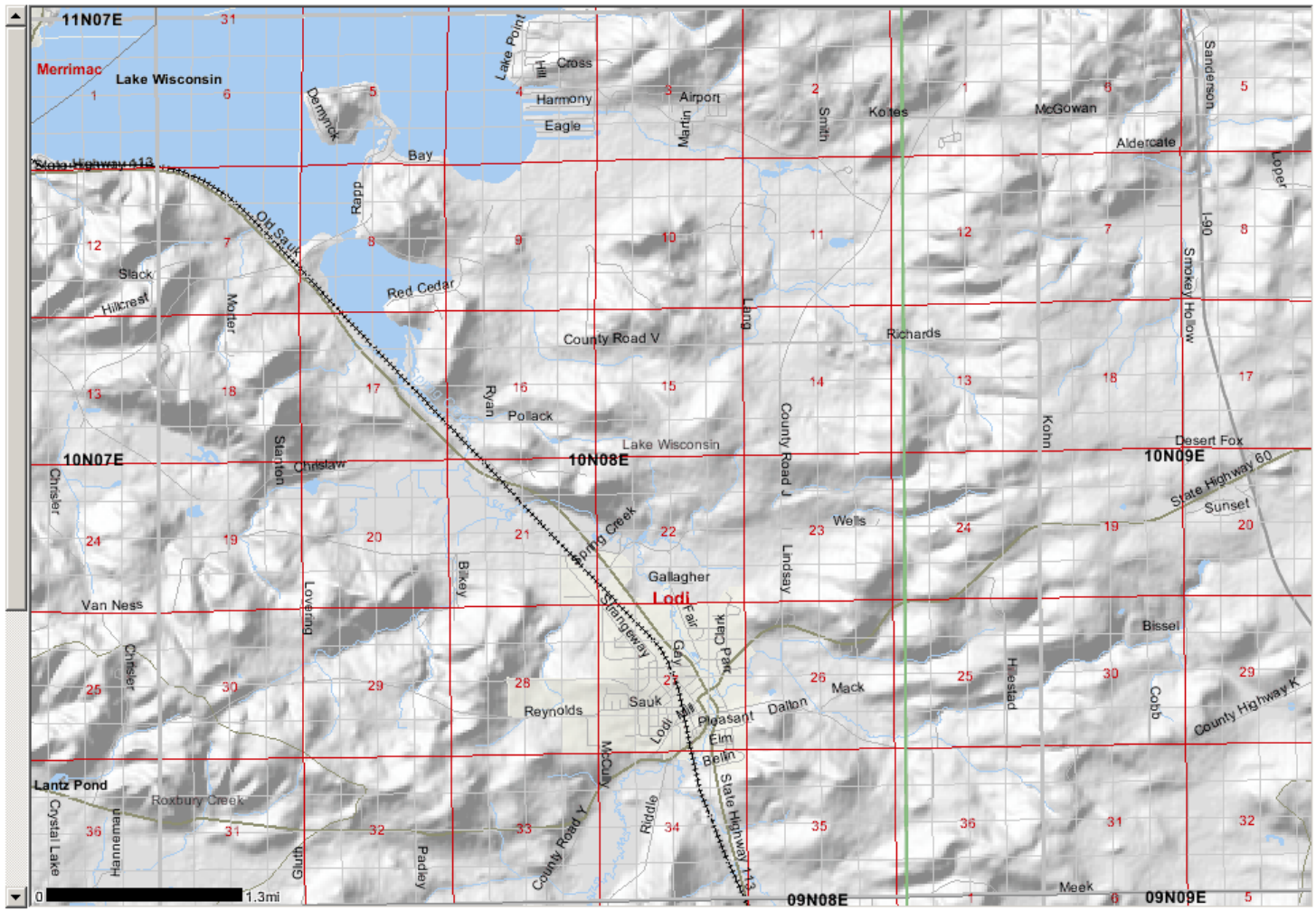
Map Layers

HELP

- Admin & Political Boundaries
  - [x] County Boundaries
  - [x] Cities and Villages
  - [x] Civil Towns
  - [ ] DNR Admin Regions
  - [ ] DNR Geographic Mgmt. Units
  - [ ] Native American Lands
  - [ ] State Boundary
- Land Descriptions & Cadastral
  - [x] PLSS Townships
  - [x] PLSS Sections
  - [x] PLSS Q-Q Sections
- Transportation
  - [x] Local Roads
  - [x] Major Highways
  - [x] Railroads
- Inland Water Resources
  - [x] 24K Rivers and Shorelines
  - [x] 24K Watersheds
  - [ ] DNR Water Qual. Mgmt Units
  - [x] Open Water
- Map Indexes
- Biologic & Ecologic
- Forests & Landcover
- Imagery & Basemaps
- Elevation & Derived Products
  - [x] Hill Shade
  - [ ] Digital Elevation Model

Refresh Map

Notes:



Scale: 1:56,249 go Selected Map Tool: Zoom Out Zoom Out

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

WTM Coordinate: X= 564942, Y= 321161 Meters --- Latitude= 43°21'43" N, Longitude= 89°26'43" W

Internet

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

DNR Website | About | Contact

Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

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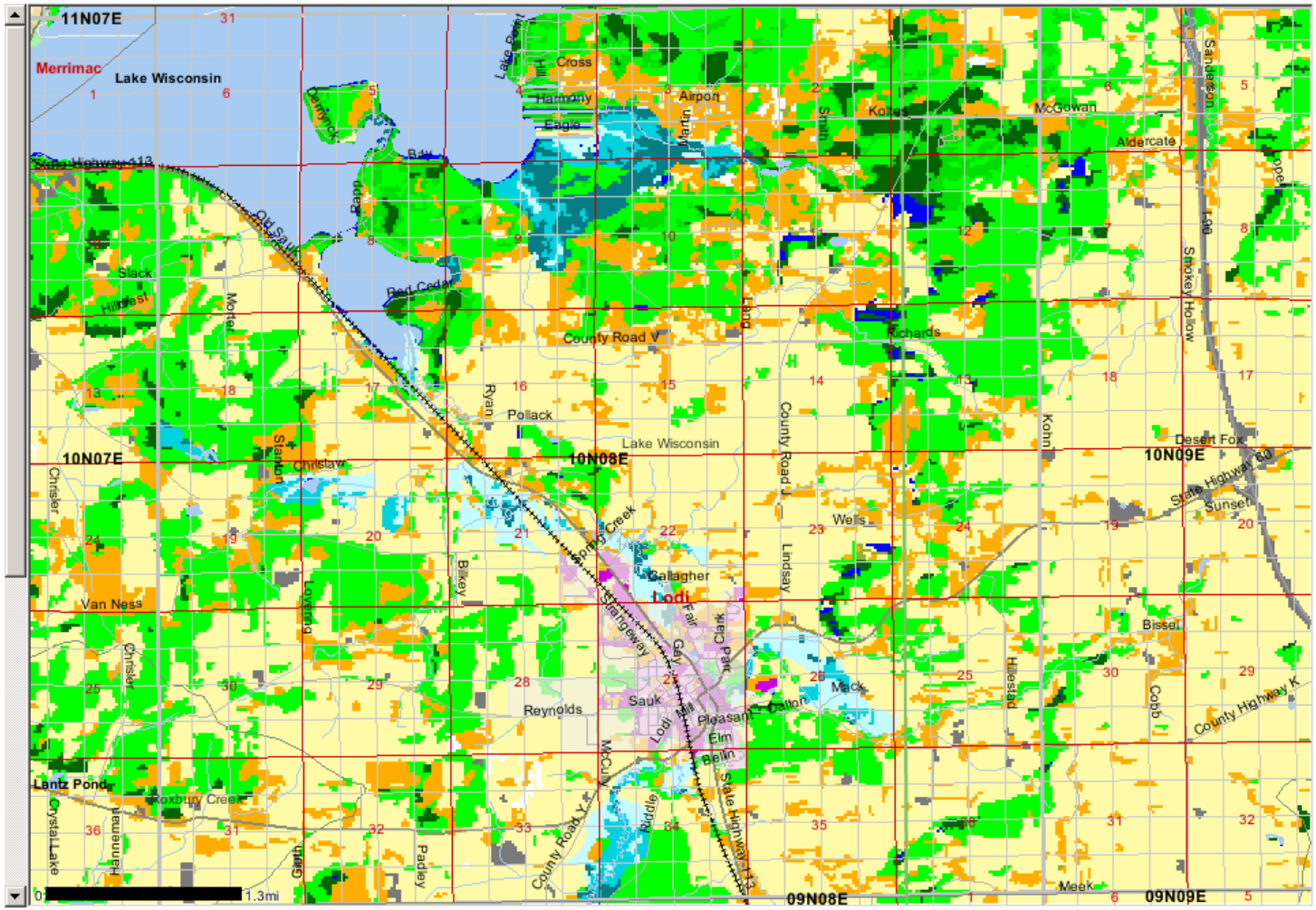
Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

Map Layers

HELP

- Admin & Political Boundaries
  - [x] County Boundaries
  - [x] Cities and Villages
  - [x] Civil Towns
  - [ ] DNR Admin Regions
  - [ ] DNR Geographic Mgmt. Units
  - [ ] Native American Lands
  - [ ] State Boundary
- Land Descriptions & Cadastral
  - [x] PLSS Townships
  - [x] PLSS Sections
  - [x] PLSS Q-Q Sections
- Transportation
  - [x] Local Roads
  - [x] Major Highways
  - [x] Railroads
- Inland Water Resources
  - [x] 24K Rivers and Shorelines
  - [x] 24K Watersheds
  - [ ] DNR Water Qual. Mgmt Units
  - [x] Open Water
- Map Indexes
- Biologic & Ecologic
- Forests & Landcover
  - [x] WISCLAND Landcover
  - [ ] Original Vegetation Cover
  - [ ] National Forest Boundaries
- Imagery & Basemaps
- Elevation & Derived Products
  - [ ] Hill Shade
  - [ ] Digital Elevation Model

Refresh Map



Scale: 1:56,249 go | Selected Map Tool: Zoom Out | Zoom Out

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

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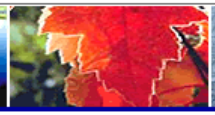
Internet

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview



DNR Website | About | Contact

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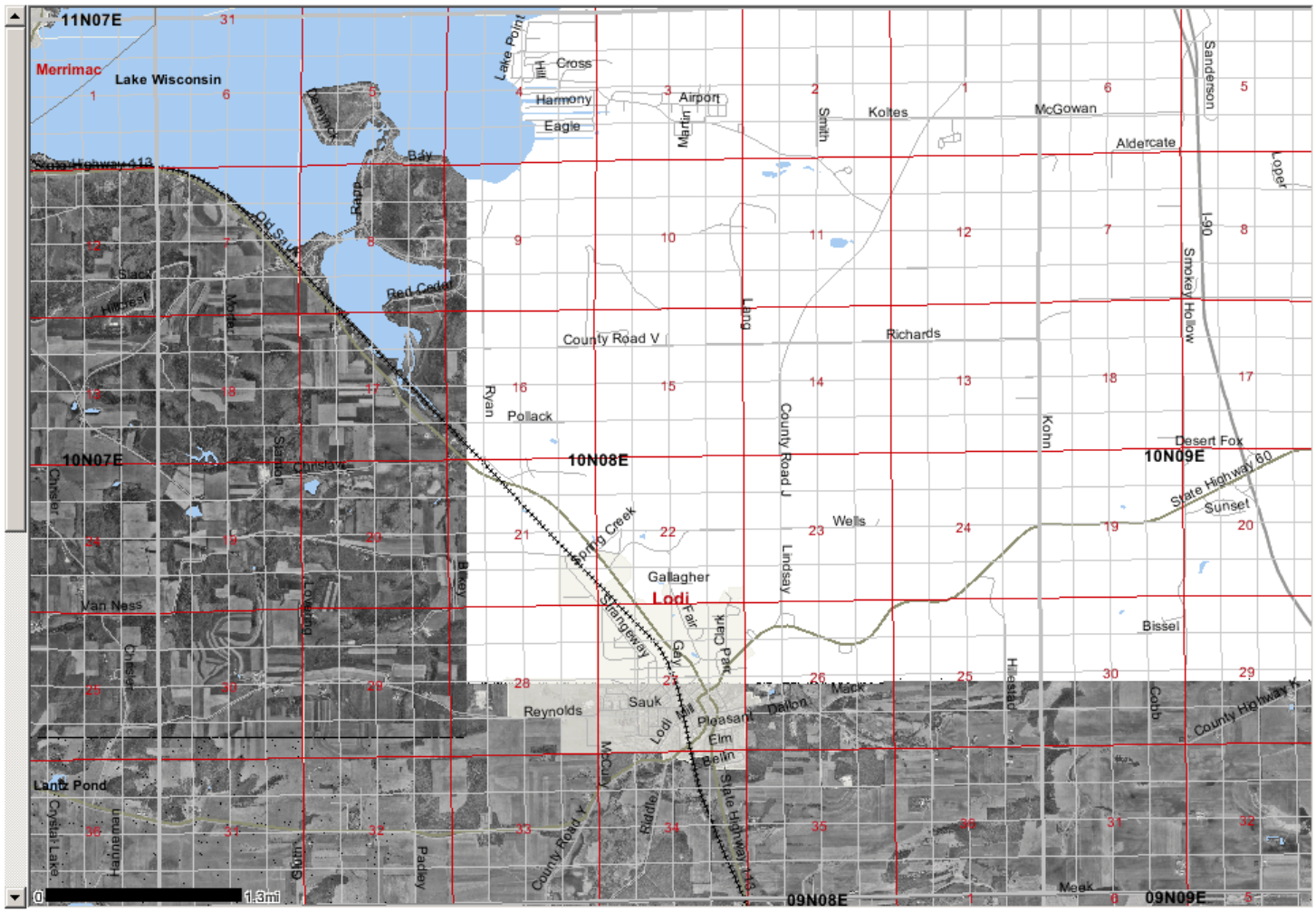
Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

Map Layers

HELP

- Admin & Political Boundaries
  - [x] County Boundaries
  - [x] Cities and Villages
  - [x] Civil Towns
  - [ ] DNR Admin Regions
  - [ ] DNR Geographic Mgmt. Units
  - [ ] Native American Lands
  - [ ] State Boundary
- Land Descriptions & Cadastral
  - [x] PLSS Townships
  - [x] PLSS Sections
  - [x] PLSS Q-Q Sections
- Transportation
  - [x] Local Roads
  - [x] Major Highways
  - [x] Railroads
- Inland Water Resources
  - [ ] 24K Rivers and Shorelines
  - [ ] 24K Watersheds
  - [ ] DNR Water Qual. Mgmt Units
  - [x] Open Water
- Map Indexes
  - [ ] Delorme Atlas Index
  - [ ] 250K USGS Quad Index
  - [ ] 100K USGS Quad Index
  - [ ] 24K USGS Quad Index
  - [ ] 12K USGS Quad Index
- Biologic & Ecologic
- Forests & Landcover
- Imagery & Basemaps
  - [x] Digital Orthophotos (DOPs)
  - [ ] Digital Topographic Maps
  - [ ] Ortho 24K Topo Merge



Scale: 1: 56,249 go | Selected Map Tool: Zoom In | Zoom In

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

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Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

YOU ARE ON WISCONSIN.GOV

Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

- Native American Lands
- State Boundary
- Land Descriptions & Cadastral
  - PLSS Townships
  - PLSS Sections
  - PLSS Q-Q Sections
- Transportation
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  - DNR Water Qual. Mgmt Units
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- Map Indexes
  - Delorme Atlas Index
  - 250K USGS Quad Index
  - 100K USGS Quad Index
  - 24K USGS Quad Index
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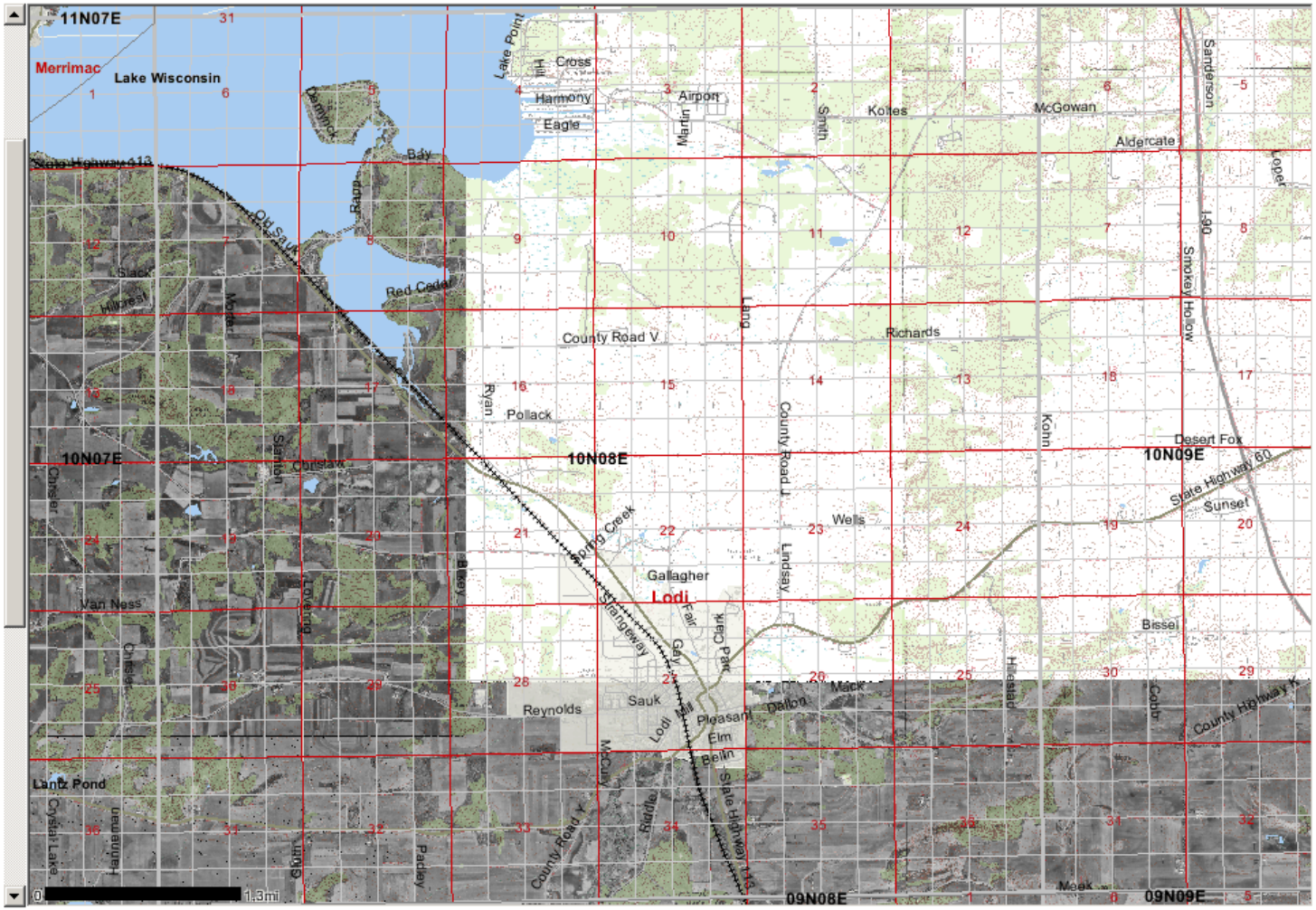
  - Digital Topographic Maps
  - Ortho-24K Topo Merge
  - DNR County DOP Mosaics - Status
  - DNR County DOP Mosaic Info
- Elevation & Derived Products
  - Hill Shade
  - Digital Elevation Model

Refresh Map



Scale: 1:56,249 go | Selected Map Tool: Zoom In | Zoom In

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

WTM Coordinate: X= 564049, Y= 323230 Meters --- Latitude= 43°22'50" N, Longitude= 89°27'22" W

Internet

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

DNR Website | About | Contact

Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

YOU ARE ON WISCONSIN.GOV

Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

Identify Results

Coordinate Position

Lat/Lon:	89° 31' 56" W 43° 19' 12" N
UTM (x, y):	294675, 4799450 (zone 16)
WTM:	557931, 316443

Cities and Villages

MCD Fips Code:	45350
Name:	Lodi
City Class Code:	4
Area (Sq. Miles):	1.43
MCD Type Code:	C

PLSS Q-Q Sections

PLSS DTRSQQ Code:	410082721
PLSS Range Direction Code:	4
PLSS Township:	10
PLSS Range:	8
PLSS Section:	27
PLSS Q1 Section Code:	2
PLSS Q2 Section Code:	1
State Fips Code:	55
PLSS Description:	NENW2710N08E

PLSS Sections

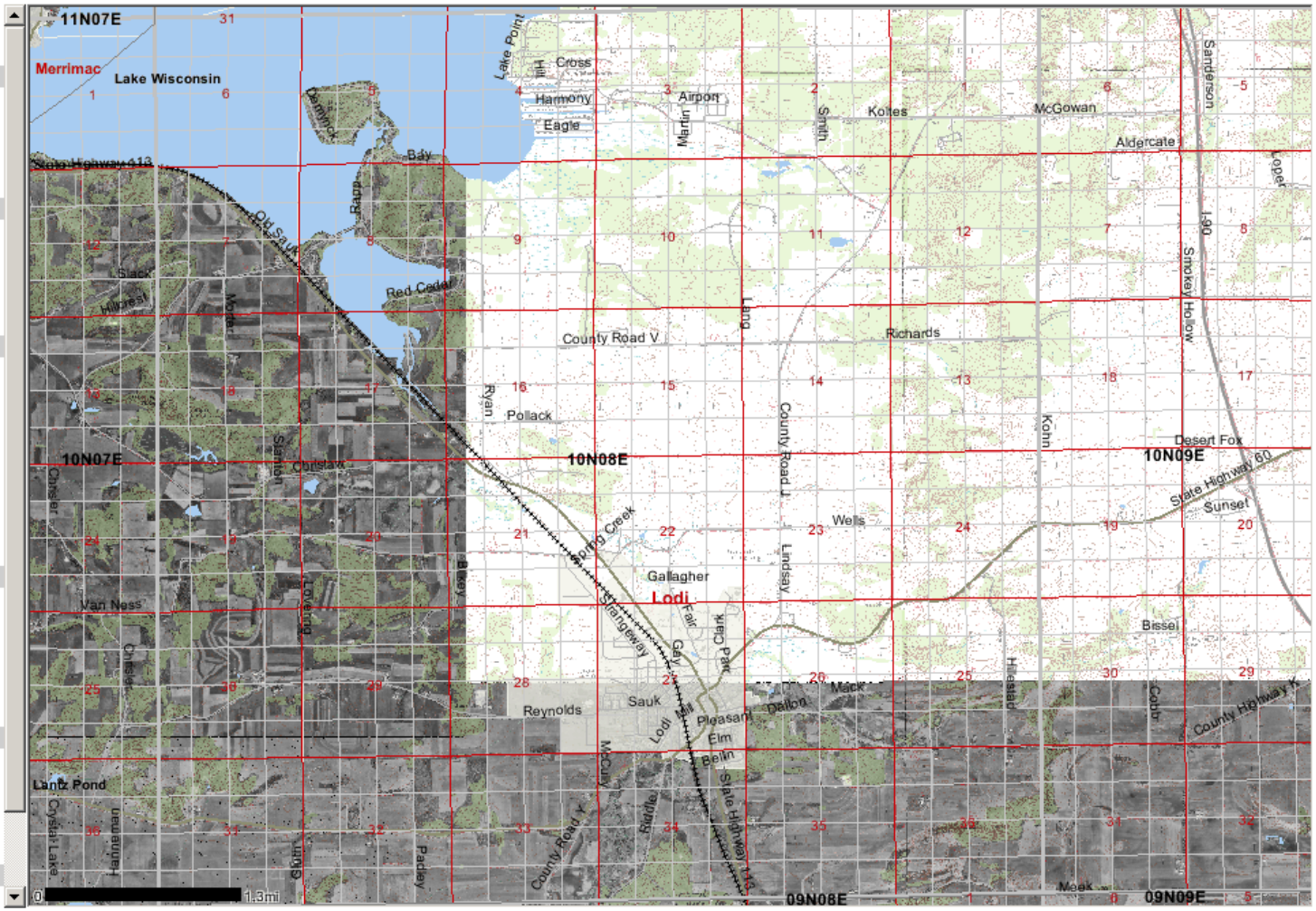
PLSS DTRSQQ Code:	410082700
PLSS Range Direction Code:	4
PLSS Township:	10
PLSS Range:	8
PLSS Section:	27
PLSS Description:	2710N08E

PLSS Townships

PLSS DTRSQQ Code:	410080000
PLSS Range Direction Code:	4
PLSS Township:	10
PLSS Range:	8
PLSS Description:	10N08E

County Boundaries

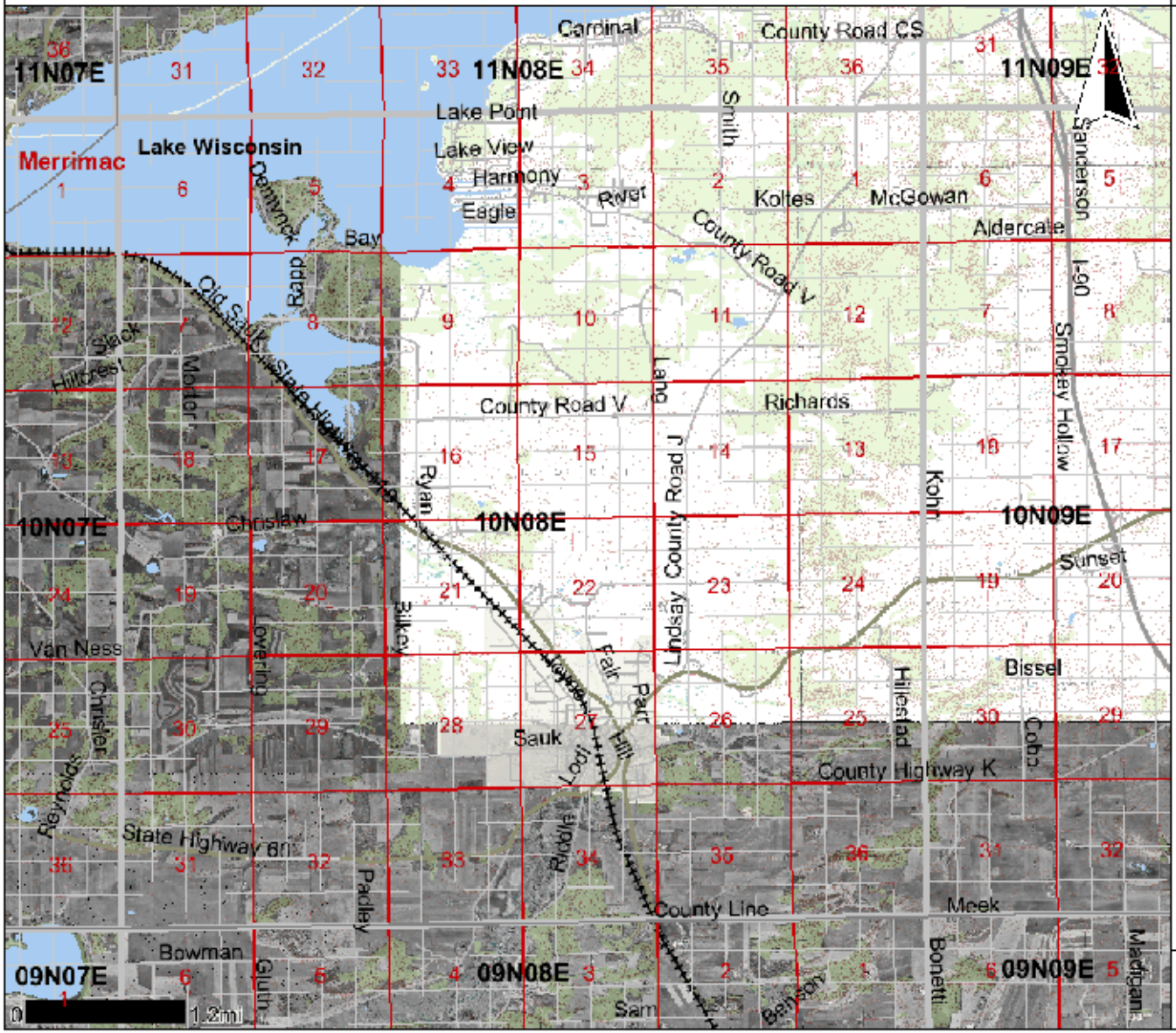
Name:	Columbia



Scale: 1: 56,249 go Selected Map Tool: Identify Drill Down Identify

DNR Maps & Aerial Photography | DNR GIS Overview | Comments on this website |

Town of Lodi, Columbia County, WI



Legend

- County Boundaries
- PLSS Townships
- PLSS Sections
- PLSS Q-Q Sections
- Railroads
- Major Highways
- Interstate
- US Highway
- State Highway
- Local Roads
- Civil Towns
- Civil Town
- 24K Open Water
- Cities and Villages
- Village
- City

Scale: 1:74,262

DO NOT USE FOR NAVIGATION

Wisconsin DNR
WebView
maps.dnr.state.wi.us/webview

DNR Website | About | Contact

YOU ARE ON WISCONSIN.GOV

Layers | Refresh Map | Legend | Find Location | Themes | Select | Help

Full State | Zoom In | Zoom Out | Zoom to... | Move | Identify | Print | Advanced Tools

Selection Set

HELP

Layer:
PLSS Q-Q Sections

Selection:
436 features selected.

Options:

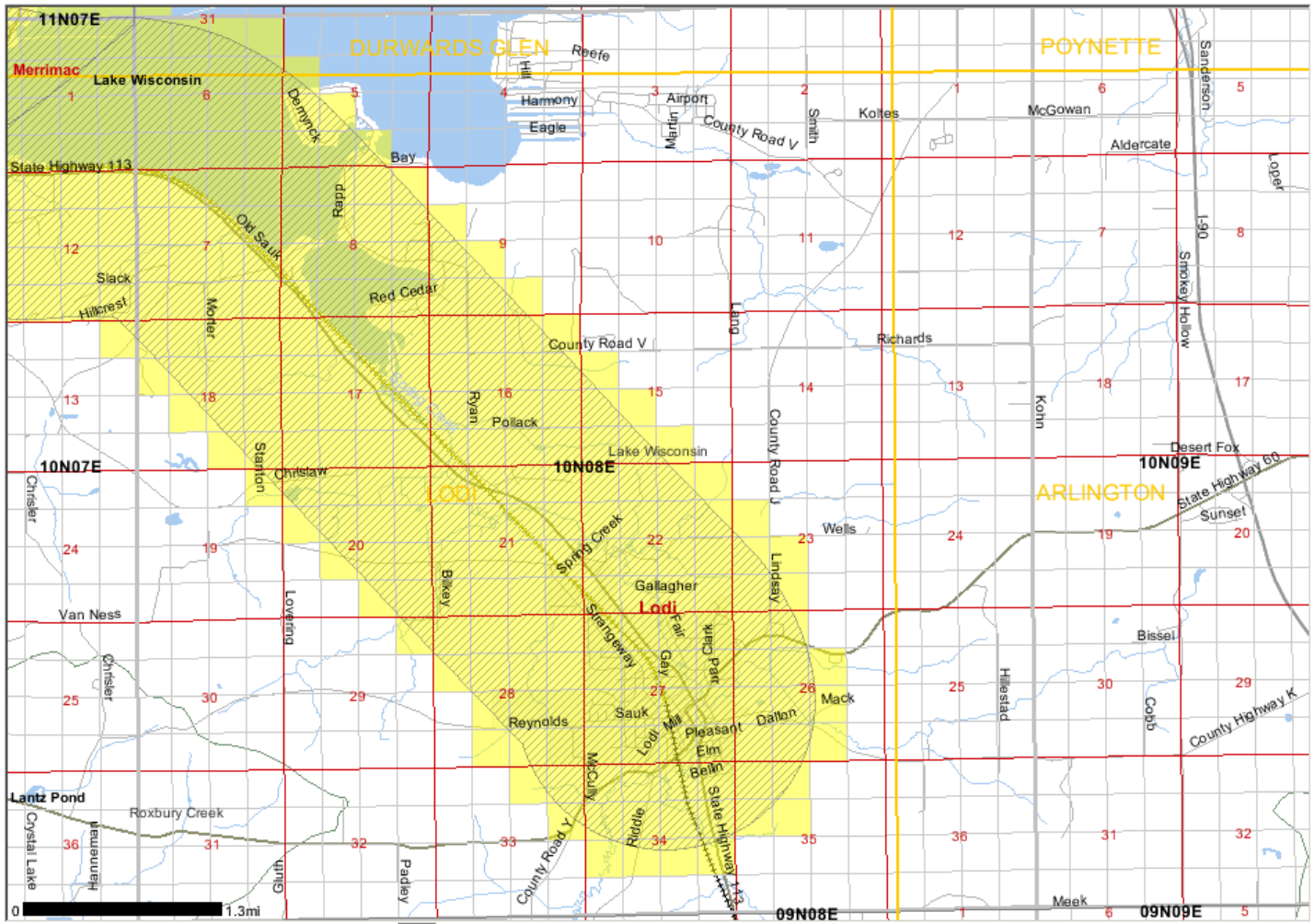
Extent — Zoom to the extent of all the selected features in this layer.

Clear — Unselects all the selected features in this layer.

Reporting:
Execute report for this set.

Extract:
Extract selected features to a local shapefile.

This layer is defined as a selected set type of layer. You may use the selection tool to refine your selected set so that it contains the desired features before executing the reporting routines.



Scale: 1:56,249 go Selected Map Tool: Select PLSS Q-Q Sections

Full State | Zoom In | Zoom Out | Zoom to... | Move | Extract Shapefile

Extract GIS Layer

The "extract" tool allows you to locate an area of interest, and then download a ESRI Shapefile for that area. Shapefiles can be used in popular GIS software packages such as ArcView, ArcMap, or ArcExplorer.

1. Locate your area of interest using the map navigation tools (zoom in, zoom out, pan).

2. From the list below, select the layer that you wish to extract to a shapefile: *

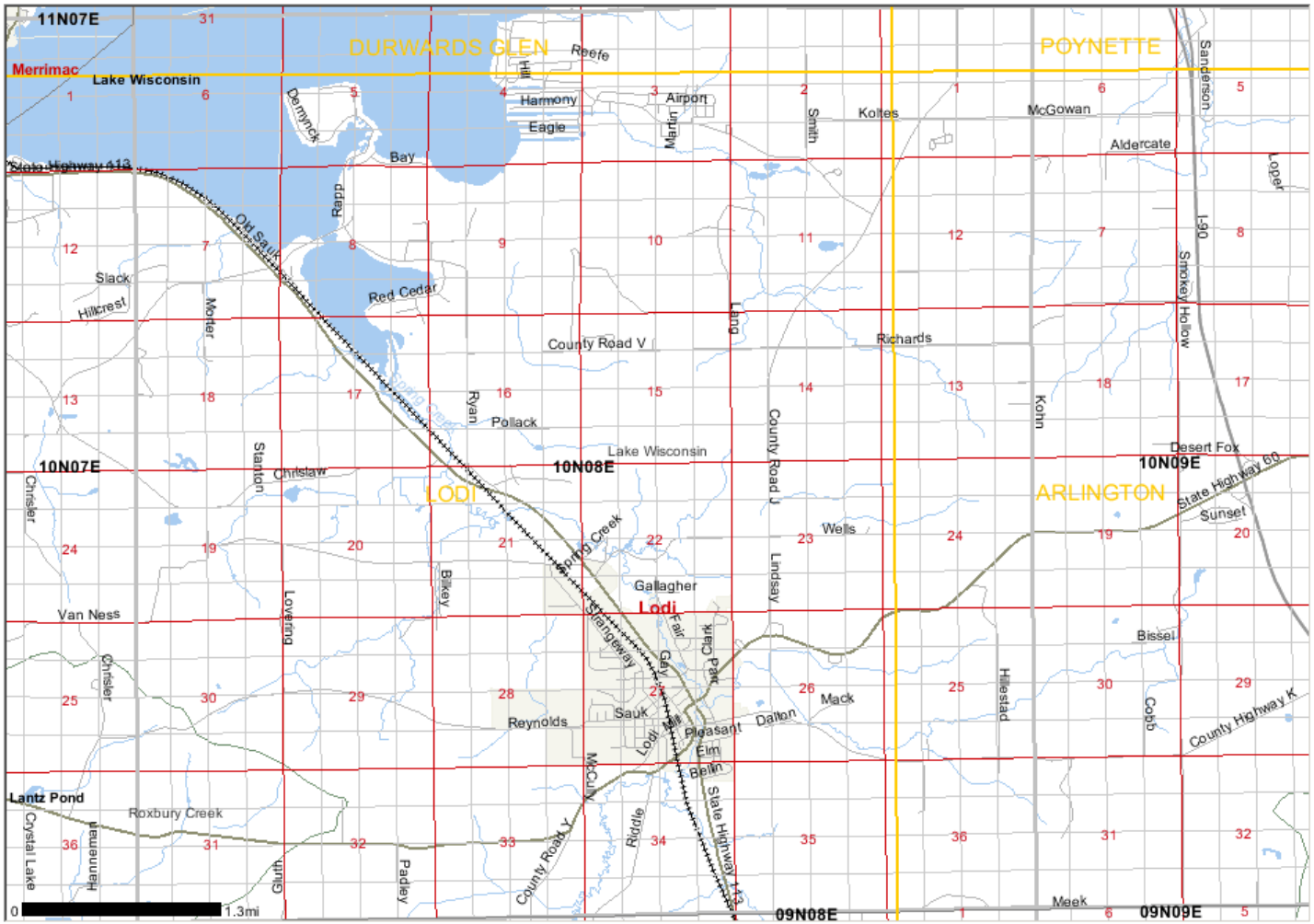
Layer Name

24K Open Water Refresh List

3. Press the OK button.

OK

* Please note: A layer must be visible on the map before it can be extracted to a Shapefile. Also, after you zoom in, it will be necessary to click on "refresh list" to refresh the list of extractable layers.



Scale: 1: 56,249 go Selected Map Tool: Zoom In Zoom In

WTM Coordinate: X= 551056, Y= 320328 Meters --- Latitude= 43°21'19" N, Longitude= 89°37'0" W

Internet

Wisconsin Land Information System Pilot

SEARCH | BROWSE

1 Draw search area ☐ :

2 Choose content type:

<All Content Types>

Choose content theme:

<All Content Themes>

Optional Keyword (e.g. river):

3 START SEARCH

For a demonstration of the Wisconsin Land Information System Pilot:*

1 **Specify the location you want to search.**

Draw a box on the map with the ☐ tool to define the area you want to search.

2 **Choose any additional search criteria.**

These choices are all optional.

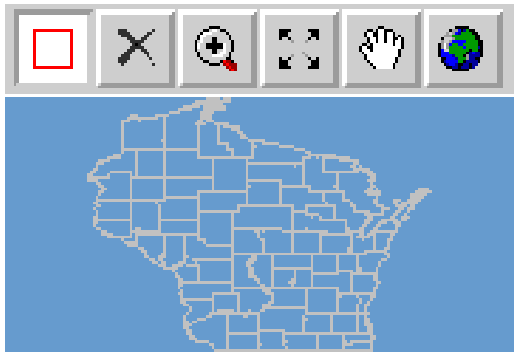
3 **Press "Start Search"**

* This is a test site used to demonstrate the concepts behind the proposed Wisconsin Land Information System. The WLIS pilot project is NOT intended to serve as a comprehensive catalog of geospatial data in Wisconsin.

Wisconsin Land Information System Pilot

SEARCH | BROWSE

1 Draw search area ☐ :



2 Choose content type:

Downloadable Data

Choose content theme:

Inland Water Resources

Optional Keyword (e.g. river):

3 START SEARCH

Records Found: 5

Content Found by Search

Downloadable Data

Publisher: Wisconsin Dept. of Natural Resources (DNR)
Content Title: Wisconsin DNR 2003 Watersheds
Coverage Area: Wisconsin
Map Scale: 1:24000

View Details

Publisher: Wisconsin Dept. of Natural Resources
Content Title: Wisconsin Islands & Uplands from 1:24,000-scale sources
Coverage Area: Wisconsin
Map Scale: 1:24000

View Details

Wisconsin DNR WebView

Content Citation:

Title of Content:	**Wisconsin DNR WebView**
Type of Content:	Live Data and Maps (ArcIMS Image Service)
Content Publisher:	Wisconsin Dept. of Natural Resources (DNR)
Publication Place:	Madison, WI
Publication Date:	October 2003

Content Description:

Content Summary: DNR WebView is an ArcIMS mapservice containing the most commonly requested DNR geographic data layers. The WebView service may be accessed through commercial client applications such as ArcMap or ArcExplorer, custom client applications developed with ArcObjects, or through custom-designed web applications.

Content Purpose: WebView provides remote access to datasets that might otherwise be too large and/or impractical to download and use in their entirety.

Wisconsin Land Information System

WLIS Pilot Project

- Overview
- Search the Wisconsin Land Information System Pilot
- Browse and Acquire Data
- Contacts
- Meetings
- WLIS Pilot Documents
- Related Sites
- DNR WLIS Node

Online Interactive Maps

- Statewide List of Interactive Maps

WLIS Repository Data Acquisition -- Administrative and Political Boundaries

Sort results by: Layer Name Go!

Click on one of the data sets listed below to view your options for acquiring the data, or return to the previous page to select a different data content theme.

5 layers found, listing: 1 to 5 << Previous Page Next Page >>

Wisconsin County Boundaries
Theme: Administrative and Political Boundaries **Scale** 1:100000

Wisconsin DNR-Managed Lands
Theme: Administrative and Political Boundaries **Scale** 1:24000

Wisconsin DNR 2003 Deer Management Units
Theme: Administrative and Political Boundaries **Scale** 1:100000

Wisconsin 2000 Municipalities
Theme: Administrative and Political Boundaries **Scale** 1:100000

Wisconsin State Boundary - 24K
Theme: Administrative and Political Boundaries **Scale** 1:24000

<< Previous Page Next Page >>

Wisconsin Land Information System

WLIS Repository Data Acquisition -- Inland Water Resources

Sort results by: Layer Name Go!

Click on one of the data sets listed below to view your options for acquiring the data, or return to the previous page to select a different data content theme.

5 layers found, listing: 1 to 5 << Previous Page Next Page >>

Wisconsin Rivers & Shorelines - 24K
Theme: Inland Water Resources **Scale** 1:24000

Wisconsin Open Water - 24K
Theme: Inland Water Resources **Scale** 1:24000

Wisconsin Islands & Uplands - 24K
Theme: Inland Water Resources **Scale** 1:24000

Register of Waterbodies (ROW) Look-Up table
Theme: Inland Water Resources **Scale** NA

Wisconsin DNR 2003 Watersheds
Theme: Inland Water Resources **Scale** 1:24000

<< Previous Page Next Page >>

UW-Madison ERSC MODIS Imagery

ERSC MODIS Imageserver v. 1.0

Home | Catalog | Gallery | LakeSat | SLOI | About

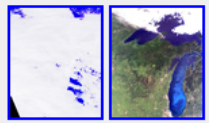
MODIS Satellite Imagery of Wisconsin

View by Catalog:

- View Monthly Catalog.
- View Full Catalog. There are currently **842** images in the archive. New images are added almost daily. We are now archiving both **Aqua** and **Terra** imagery in auto-mode when both are available through direct broadcast.
- This web site is an outgrowth of SLOI.

Merged GeoTiffs may be downloaded by following the metadata links in the catalog or viewer pages. However, downloading raw science data is not available at this time.

View by Date:



latest **best**

Select Date:

February 19, 2004 13:06PM

Display Image

UW ERSC Lakesat Map Server

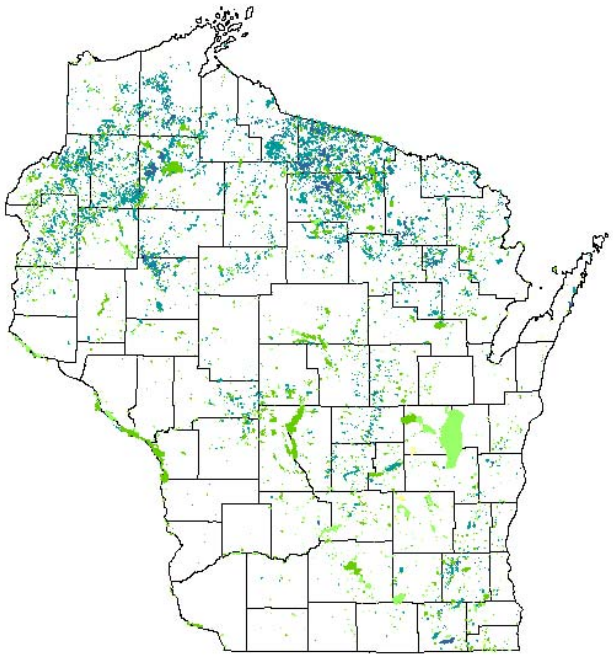
LakeSat.org

Statewide :: New & Press :: Interactive Map :: Map Poster :: About the Map :: Landsat Lake Images

Wisconsin Lake Clarity - Trophic State

An Indicator of Lake Water Clarity Derived from Satellite Images

Find Lake by Name



Legend

Trophic State Index	Estimated Secchi Depth
> 80	< 0.25 m (< 0.8 ft)
70 to 80	0.25 - 0.5 m (0.8 - 1.6 ft)
60 to 70	0.5 - 1 m (1.6 - 3.3 ft)
50 to 60	1 - 2 m (3.3 - 6.6 ft)
40 to 50	2 - 4 m (6.6 - 13.1 ft)
30 to 40	4 - 8 m (13.1 - 26.2 ft)
< 30	> 8 m (> 26.2 ft)

Clearer lakes have smaller trophics state indexes and larger secchi depths.

Map Navigation

Click on a point in the image to

- ○ zoom in fast
- ○ zoom in
- ◉ center at
- ○ zoom out
- ○ zoom out fast

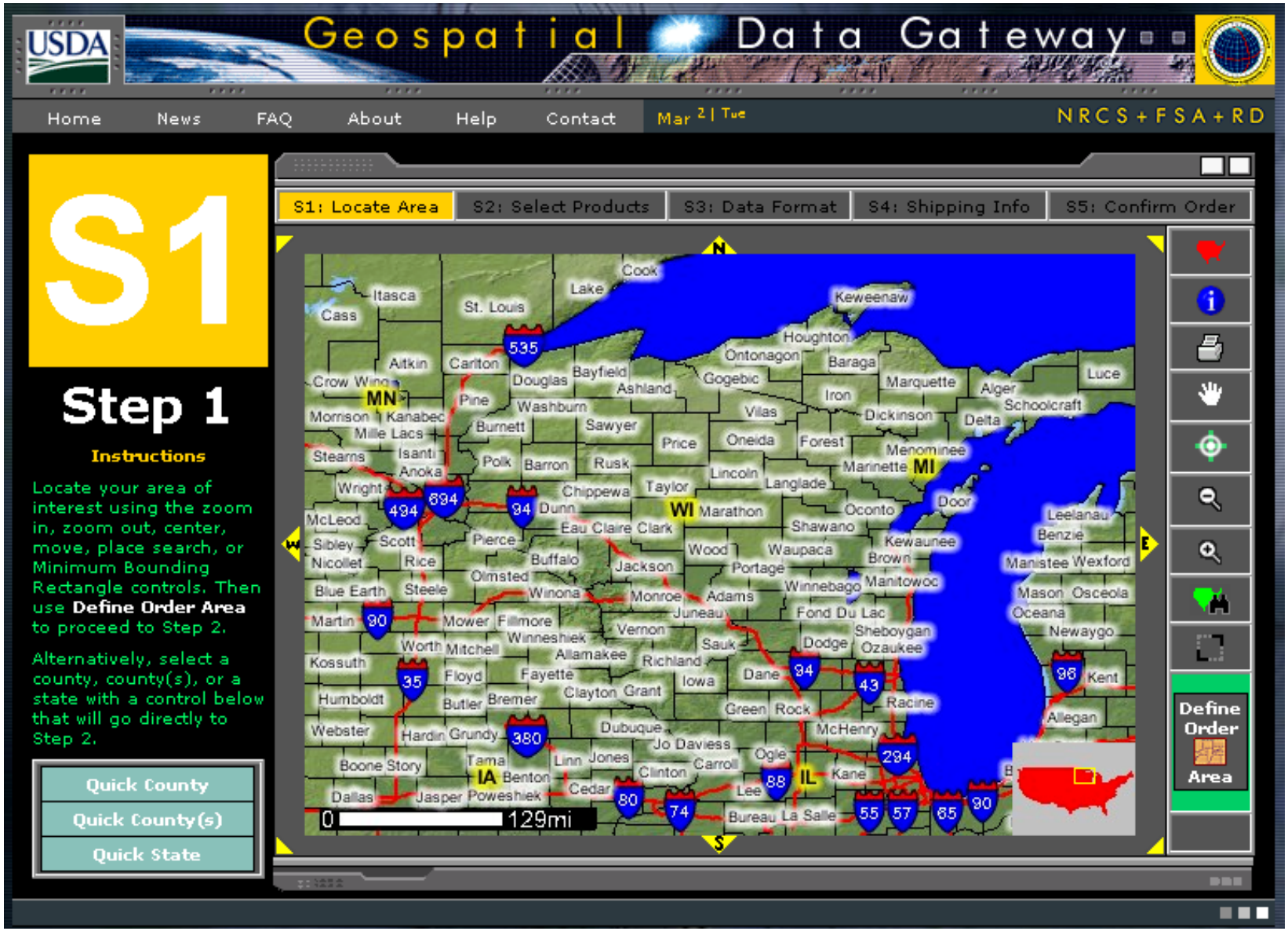
View Whole State

Map Layers

Choose layers shown:

- ☑ Lakes
- ☑ County Boundaries
- ☐ State Trunk Highways
- ☐ State Roads
- ☐ Shaded Relief

NRCS Geospatial Data Gateway



For more information contact

Wisconsin Department of Administration

Division of Intergovernmental Relations

101 E. Wilson St., 10th floor, Madison, WI 53701-1645

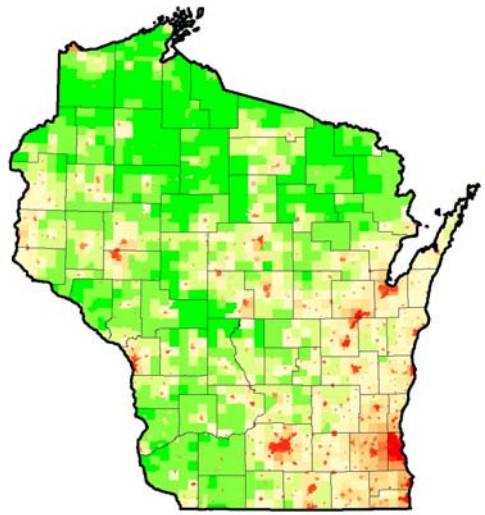
(608) 267-2707

Wisconsin Department of Administration

Division of Enterprise Technology

101 E. Wilson St., 8th floor, Madison, WI 53707-7844

(608) 264-6109

Visit the DIR and DET web sites at

http://www.doa.state.wi.us